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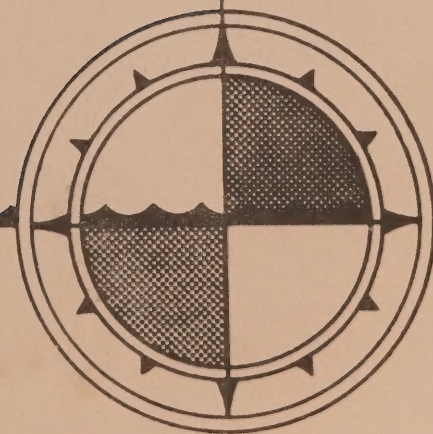
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SALINITY/TEMPERATURE PROFILES IN HARO STRAIT, B.C.
PART I: April-July, 1976

by

Coastal Zone Oceanography Section



INSTITUTE OF OCEAN SCIENCES, PATRICIA BAY
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1979

TABLE OF CONTENTS

	Page
Table of Contents	i
List of Figures	iii
Introduction	v
Observation program	v
Instrumentation	v
Calibration	vi
Data processing	vi
Acknowledgement	vii
Table 1--Summary of CTD observation program	viii
Table 2--Latitude and longitude of stations	ix
PART I	
Cruise No. 1, Apr. 28--May 3, 1976	1
Cruise No. 2, June 9--17, 1976	49
Cruise No. 3, July 15--19, 1976	111
References	162
Figures	163
PART II	
Cruise No. 4, Sept. 1--3, 1976	231
Cruise No. 5, Oct. 1--7, 1976	281
Figures	329
PART III	
Cruise No. 6, Nov. 14--16, 1976	359
Cruise No. 7, Dec. 14--16, 1976	415
Figures	459

TABLE OF CONTENTS

PART IV

Cruise No. 8, Jan. 26--27, 1977	489
Cruise No. 9, Mar. 1--3, 1977	505
Cruise No. 10, Apr. 4--6, 1977	541
Figures	579

LIST OF FIGURES

PART I		Page
Figures 1-2	Maps of Haro Strait and Stations	165 - 166
Figures 3-15	Plots of depth-temperature profiles Cruise No. 1	167 - 179
Figures 16-25	Plots of depth-temperature profiles Cruise No. 2	180 - 189
Figures 26-34	Plots of depth-temperature profiles Cruise No. 3	190 - 198
Figures 35-47	Plots of depth-salinity profiles Cruise No. 1	199 - 211
Figures 48-57	Plots of depth-salinity profiles Cruise No. 2	212 - 221
Figures 58-66	Plots of depth-salinity profiles Cruise No. 3	222 - 230
PART II		
Figures 1-2	Maps of Haro Strait and Stations	331 - 332
Figures 67-73	Plots of depth-temperatures profiles Cruise No. 4	333 - 339
Figures 74-79	Plots of depth-temperature profiles Cruise No. 5	340 - 345
Figures 80-86	Plots of depth-salinity profiles Cruise No. 4	346 - 352
Figures 87-92	Plots of depth-salinity profiles Cruise No. 5	353 - 358
PART III		
Figures 1-2	Maps of Haro Strait and Stations	461 - 462
Figures 93-99	Plots of depth-temperature profiles Cruise No. 6	463 - 469
Figures 100-105	Plots of depth-temperature profiles Cruise No. 7	470 - 475

List of Figures continued

Figures 106-112	Plots of depth-salinity profiles Cruise No. 6	476 - 482
Figures 113-118	Plots of depth-salinity profiles Cruise No. 7	483 - 488
PART IV		
Figures 1-2	Maps of Haro Strait and Stations	581 - 582
Figures 119-125	Plots of depth-temperature profiles Cruise No. 8	583 - 589
Figures 126-130	Plots of depth-temperature profiles Cruise No. 9	590 - 594
Figures 131-135	Plots of depth-temperature profiles Cruise No. 10	595 - 599
Figures 136-140	Plots of depth-salinity profiles Cruise No. 9	600 - 604
Figures 141-145	Plots of depth-salinity profiles Cruise No. 10	605 - 609

Introduction

Haro Strait is the main channel, through the San Juan and Gulf Islands, linking the Strait of Georgia to Juan de Fuca Strait (see Figures 1 and 2). The physical processes acting on the water masses passing through Haro Strait exercise a significant influence on the oceanography of the Strait of Georgia, Saanich Inlet and other adjacent bodies of water. The purpose of the temperature and salinity observation program was to provide background information about the character of the exchange in Haro Strait. This data was intended to supplement the data collected in the physical oceanographic study of Haro Strait carried out by the Coastal Zone Oceanography section in the summer of 1976. Details of this study, as well as preliminary data analyses, are reported elsewhere by Webster (1977). The data collected during the summer program will be presented in a later report.

Observation Program

The observation program was conducted approximately every five weeks during a 12 month period commencing in April 1976. A total of 10 cruises were carried out during this period using several different vessels. On each cruise vertical profiles of temperature and salinity were obtained on sections across the channel (Lines 1 to 5) and along the channel axis (line F), see Figures 1 and 2. In addition, a time series of temperature and salinity profiles was obtained at the southern end of Haro Strait at a number of stations along Line 1. The summary of the observation program is given in Table 1. Modifications made to the observation program can also be determined from Table 1. The precise locations of all the stations are listed in Table 2.

Instrumentation

The instrumentation used to collect the data consisted of 1) a Guildline model 8700 MK II CTD (conductivity, temperature and depth) probe and control console, 2) a programmable data acquisition system - PRODAS - built by McDonald-Detwiller Ltd. 3) a Hewlett-Packard X,Y₁Y₂ plotter and 4) a winch with seven conductor cable and slip ring assembly.

The system was designed to be used from a small launch, such as the *Squamish*, and is consequently relatively light weight and portable. The method of operation is straightforward. The CTD probe is lowered and raised through the water column at a rate of 1 m/s. Power for the probe is sent down the cable from the control console. The analogue data signals are sent up the cable (one conductor for each sensor plus a signal ground) through the slip ring assembly to the console and data acquisition system. In the control console the temperature, conductivity and pressure signals are put through an analogue computer to calculate salinity and then fed to the X,Y₁Y₂ plotter for a real time plot of the temperature and salinity profile.

The data acquisition system accepts the probe signals directly then multiplexes (1.2 ms/6 channel scan), digitizes (16 bit A-D converter), and sums the signals for an integral number (usually 15) of 60 Hz power supply cycles. The number of summations, the summation for each sensor and those for the zero and reference voltages are then stored in a buffer, along with header information, and subsequently written onto nine-track ½" tape. A

thermal printer is used to display, in real time, a small portion of this data and any error messages relating to the operation of the data acquisition system. The operation of the data acquisition system relies on a micro-processor which has been programmed to co-ordinate and perform input-output function, summation and diagnostic checks.

Calibration

The manufacturer states an accuracy of $\pm 0.01^{\circ}\text{C}$ for conductivity, $\pm 0.01^{\circ}\text{C}$ for temperature, and ± 1.25 decibars for pressure. The calibrations of the temperature sensor were checked both in the laboratory and in the field. Temperature calibrations in the laboratory consisted of an ice point determination, and on one occasion a calibration over the range of 5°C to 15°C at the Northwest Regional Calibration Center facilities in Bellevue, Washington. In all these calibrations the temperature sensor met the manufacturer's stated accuracy.

The field checks of the temperature and conductivity sensor were obtained by putting a Niskin water sampling bottle with reversing thermometers on the probe cable, one metre above the probe. The probe and bottle were then positioned at a depth where vertical gradients in temperature and salinity were small. After a suitable stabilization period the bottle and thermometer were tripped, and simultaneously, the corresponding data from the data acquisition system were noted. Salinities determined from the bottle sample, and temperature from reversing thermometers were then compared with those calculated from the digital data. Once again the temperature calibrations were acceptable given the $\pm 0.02^{\circ}\text{C}$ accuracy of the reversing thermometers. A salinity offset of 0.04°C was noted in these calibrations, and it was consistent from one cruise to another. In the subsequent processing of the data, salinity is corrected by subtracting this offset.

Data Processing

The data processing was done on the UNIVAC 1106 computer here at the Institute of Ocean Sciences. The processing consisted of calibration of the raw sensor data, computation of other relevant quantities (i.e. salinity, density and Brunt-Vaisälä frequency etc.), documentation, presentation of data (i.e. listings and plots) and storage of processed data on magnetic tape. Only the raw data from the down cast were used. The voltages from the conductivity, temperature and pressure sensors were calibrated, and salinity computed using Bennett's Equation (Bennett 1976) with the offset correction applied. Sigma-t was computed using Knudsen's relation as given by Fofonoff (1962).

All the processed data were written in ASCII format, 800 BPI on nine-track magnetic tape. Preceding the calibrated data records is a header which briefly describes the data. The data presented in this report are available in their complete form on magnetic tape, and anyone wishing to obtain the data should contact the computing staff of the Coastal Zone Oceanography section.

For presentation in this report the data has been listed at selected depths only. The data (and units) listed are as follows: Depth (metres), Pressure (decibars), Salinity ($^{\circ}\text{C}$), Temperature ($^{\circ}\text{C}$), Sigma-t ($\{\text{density}-1.0\} \times 10^3$) and Brunt-Vaisälä frequency (cycles/hour). The Brunt-Vaisälä

frequency is computed by taking differences over a 2 m depth interval. If the calculation indicates a local instability, the calculation is reported over a depth interval of 10 m, and the resulting value is flagged with the symbol "*". Also included in this report are plots of the vertical profiles of temperature and salinity.

Acknowledgements

The work was carried out by the personnel of Coastal Zone Oceanography section. We would like to acknowledge the assistance and cooperation of the officers and crew of the vessels we have used during this program.

TABLE 1-- Summary of CTD observation program

Cruise #	Dates	Vessel	Data Collected							Comments
			Line 1 A to J	Line 2 A to C	Line 3 A to C	Line 4 A to C	Line 5 A to E	Line F 1 to 10		
1	28/4/76 to 3/5/76	SQUAMISH	time series B,D,F & J (11 hrs)	✓	✓	✓	✓	✓	X	
2	9-17/6/76	SQUAMISH	1 time series (10 hrs)	✓	✓	✓	✓	✓	X	
3	15-9/7/76	SQUAMISH	time series (11½ hrs)	✓	✓	✓	✓	✓	X	Line 1 station shifted south
4.	1-8/9/76	SQUAMISH	time series (10 hrs)	X	X	X	X	✓	✓	
5	1-7/10/76	SQUAMISH	time series (10 hrs)	X	X	X	X	✓	✓	
6	14-16/12/76	SEATECH II	time series (11 hrs)	X	X	X	X	✓	✓	
7	14-16/12/76	SEATECH II	time series (10 hrs)	X	X	X	X	✓	✓	
8	26-27/1/77	CSS RICHARDSON	time series (10 hrs)	X	X	X	X	✓	✓	temperature data only
9	1-3/3/77	CSS RICHARDSON	time series (6 hrs)	X	X	X	X	✓	✓	
10	4-6/4/77	CSS RICHARDSON	time series (6 hrs)	X	X	X	X	✓	✓	

TABLE 2

HARO STRAIT CTD STATIONS

<u>LINE</u>	<u>STATION</u>	<u>LATITUDE N</u>	<u>LONGITUDE W</u>
1	A	48° 27.36'	123° 15.61'
	B	48° 27.78'	123° 14.72'
	C	48° 28.02'	123° 13.86'
	D	48° 28.25'	123° 13.23'
	E	48° 28.48'	123° 12.43'
	F	48° 28.74'	123° 11.86'
	G	48° 28.95'	123° 11.04'
	H	48° 29.24'	123° 10.40'
	I	48° 29.46'	123° 09.50'
	J	48° 29.75'	123° 08.86'
2	A	48° 35.40'	123° 15.00'
	B	48° 35.37'	123° 14.09'
	C	48° 35.33'	123° 12.95'
3	A	48° 41.77'	123° 16.96'
	B	48° 41.61'	123° 15.96'
	C	48° 41.46'	123° 14.77'
4	A	48° 43.22'	123° 16.48'
	B	48° 43.55'	123° 15.55'
	C	48° 43.93'	123° 14.55'
5	A	48° 46.86'	123° 02.50'
	B	48° 46.04'	123° 01.80'
	C	48° 44.88'	123° 00.76'
	D	48° 43.22'	122° 59.27'
	E	48° 42.21'	122° 58.36'

TABLE 2 continued

<u>LINE</u>	<u>STATION</u>	<u>LATITUDE N</u>	<u>LONGITUDE W</u>
F	1	48° 28.66'	123° 08.60'
	2	48° 30.31'	123° 09.38'
	3	48° 31.26'	123° 10.59'
	4	48° 32.65'	123° 11.52'
	5	48° 33.75'	123° 12.67'
	6	48° 35.32'	123° 12.98'
	7	48° 36.84'	123° 12.70'
	8	48° 38.07'	123° 13.23'
	9	48° 39.37'	123° 14.17'
	10	48° 40.90'	123° 14.83'

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAWO STRAIT 1976
 LAT N48 43.22
 DATE 28/ 4/76
 TIME (PST) 1145

TAPE C20/78/ 6- 1
 LONG W123 16.48
 PASS NO. 5
 STN: LINE 4-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	27.90	9.02	21.60	20.70
2.0	2.0	27.93	8.36	21.72	10.50
5.1	5.1	28.07	8.30	21.84	15.88
10.1	10.1	28.65	8.06	22.32	12.16
15.0	15.1	28.75	8.03	22.40	7.64*
20.1	20.1	28.85	7.98	22.49	6.92
25.1	25.2	28.91	7.94	22.54	11.89
30.1	30.2	29.09	7.92	22.68	9.04*
35.1	35.2	29.23	7.88	22.80	8.15
40.1	40.2	29.32	7.87	22.87	6.94*
45.1	45.3	29.40	7.86	22.93	5.45*
50.0	50.2	29.45	7.87	22.97	4.52*
60.1	60.3	29.56	7.87	23.06	8.54*
70.0	70.3	29.59	7.86	23.08	6.33
80.1	80.4	29.66	7.86	23.14	3.87
90.0	90.4	29.82	7.84	23.26	7.91
100.1	100.5	30.03	7.82	23.44	5.34
110.0	110.5	30.06	7.82	23.45	5.16*
120.1	120.6	30.22	7.80	23.58	5.52
130.1	130.6	30.31	7.79	23.65	6.20*
140.1	140.8	30.48	7.75	23.80	6.52*
150.0	150.7	30.87	7.67	24.11	7.90
160.1	160.8	31.07	7.64	24.27	4.74

MAX DEPTH 163.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAWO STRAIT 1976

LAT N48 43.55

DATE 28/ 4/76

TIME (PST) 1205

TAPE CZ0/78/ 6- 2

LONG W123 15.55

PASS NO. 7

STN: LINE 4-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.99	8.78	21.71	27.19
2.0	2.0	28.06	8.44	21.81	13.86
5.1	5.1	28.12	8.40	21.86	7.24
10.1	10.1	28.17	8.25	21.92	11.54*
15.1	15.1	28.55	8.06	22.25	11.82
20.1	20.1	28.80	7.98	22.45	10.34
25.0	25.1	28.99	7.93	22.61	9.77*
30.0	30.1	29.00	7.94	22.61	3.60*
35.1	35.2	29.04	7.95	22.64	4.97*
40.0	40.2	29.12	7.92	22.71	6.07
45.1	45.2	29.18	7.89	22.76	5.87
50.1	50.3	29.22	7.89	22.79	4.43*
60.0	60.3	29.49	7.86	23.01	10.90
70.1	70.4	29.76	7.83	23.22	3.52*
80.1	80.4	29.97	7.80	23.39	14.38
90.0	90.4	30.12	7.79	23.51	3.97*
100.0	100.4	30.15	7.79	23.53	2.76*
110.1	110.6	30.20	7.78	23.57	4.49*
120.0	120.5	30.34	7.77	23.68	9.48
130.0	130.6	30.58	7.73	23.87	8.28
140.1	140.7	30.75	7.70	24.01	8.76
150.1	150.8	31.01	7.65	24.22	4.97*

MAX DEPTH 150.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 43.93
 DATE 28/ 4/76
 TIME (PST) 1249

TAPE CZ0/78/ 6- 3
 LONG W123 14.55
 PASS NO. 9
 STN: LINE 4-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.75	8.19	22.38	4.43
2.1	2.1	28.75	8.14	22.39	2.34*
5.1	5.1	28.80	8.08	22.44	5.86
10.0	10.1	28.86	8.06	22.49	7.30
15.0	15.1	29.02	8.01	22.61	11.48*
20.1	20.2	29.16	7.99	22.73	9.85*
25.0	25.1	29.32	7.94	22.86	7.29*
30.1	30.2	29.37	7.93	22.90	6.71
35.0	35.2	29.47	7.90	22.98	14.33
40.0	40.2	29.65	7.87	23.13	7.26
45.0	45.2	29.68	7.86	23.15	4.16*
50.0	50.2	29.70	7.86	23.17	3.93
60.1	60.3	29.87	7.87	23.30	5.91
70.1	70.4	30.39	7.75	23.72	8.04*
80.0	80.4	30.43	7.74	23.75	4.86

MAX DEPTH 89.6

CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 41.77
 DATE 28/ 4/76
 TIME (PST) 1308

TAPE CZ0/78/ 6- 4
 LONG W123 16.96
 PASS NO. 11
 STN: LINE 3-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.68	9.04	21.43	28.47
2.0	2.0	28.04	8.46	21.79	18.59
5.0	5.0	28.26	8.29	21.99	19.00
10.0	10.0	29.38	7.95	22.91	22.69
15.0	15.1	29.46	7.94	22.97	6.63
20.0	20.1	29.58	7.92	23.06	11.22
25.1	25.2	29.70	7.91	23.17	4.28
30.0	30.2	29.76	7.90	23.21	6.09
35.1	35.2	29.82	7.89	23.26	4.38
40.1	40.2	29.84	7.88	23.28	1.99*
45.1	45.3	29.84	7.88	23.28	3.37
50.0	50.2	29.86	7.88	23.29	3.94*
60.0	60.3	29.90	7.88	23.32	13.11
70.0	70.3	30.24	7.81	23.60	8.14
80.1	80.4	30.37	7.78	23.70	

MAX DEPTH 82.0

COASTAL ZONE OCLANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 41.61
 DATE 28/ 4/76
 TIME (PST) 1321

TAPE C20/78/ 6- 6
 LONG W123 15.96
 PASS NO. 13
 STN: LINE 3-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	27.96	9.39	21.59	27.60
2.1	2.1	28.13	8.46	21.86	16.36
5.1	5.1	28.26	8.29	21.98	7.86
10.1	10.1	28.82	8.08	22.45	8.20
15.1	15.2	29.30	8.01	22.83	11.52
20.1	20.1	29.49	7.97	22.99	11.22*
25.1	25.2	29.76	7.91	23.21	10.37
30.1	30.2	29.84	7.89	23.28	9.14*
35.1	35.2	29.89	7.89	23.31	4.32*
40.0	40.2	29.89	7.89	23.32	4.33
45.1	45.2	29.92	7.89	23.34	4.32*
50.0	50.2	29.97	7.89	23.37	4.59
60.0	60.3	30.01	7.88	23.41	6.47*
70.1	70.4	30.18	7.84	23.55	7.45
80.0	80.4	30.45	7.79	23.76	5.05*
90.1	90.5	30.52	7.77	23.82	3.63*
100.0	100.5	30.58	7.76	23.87	7.11
110.0	110.5	30.73	7.73	23.99	11.75*
120.1	120.6	30.73	7.72	23.99	+
130.1	130.7	30.82	7.71	24.07	5.05*
140.1	140.7	30.88	7.69	24.11	2.86*
150.1	150.8	30.87	7.69	24.10	2.20*
160.1	160.8	30.92	7.67	24.15	15.65
170.0	170.9	31.51	7.54	24.62	9.82*
180.0	181.0	31.68	7.51	24.76	5.94
190.1	191.1	31.75	7.49	24.82	4.58*
200.0	201.1	31.81	7.48	24.87	1.78*
210.0	211.2	31.82	7.48	24.88	2.20*
220.0	221.2	31.82	7.48	24.88	1.98*
230.1	231.3	31.83	7.48	24.89	1.71*
240.1	241.4	31.84	7.47	24.90	1.37*
250.0	251.4	31.86	7.47	24.91	2.52*
260.1	261.5	31.85	7.47	24.91	
270.0	271.5	31.86	7.47	24.91	

MAX DEPTH 271.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 41.46
 DATE 28/ 4/76
 TIME (PST) 1341

TAPE CZ0/78/ 6- 6
 LONG W123 14.77
 PASS NO. 15
 STN: LINE 3-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.17	8.81	21.84	12.08
2.0	2.0	28.20	8.77	21.87	3.87*
5.0	5.1	28.31	8.57	21.98	9.80
10.1	10.1	28.45	8.37	22.12	6.92
15.1	15.1	28.57	8.30	22.23	10.77
20.1	20.2	28.63	8.25	22.28	8.59*
25.1	25.2	28.89	8.12	22.50	9.46
30.1	30.2	29.05	8.05	22.63	8.61
35.1	35.2	29.30	8.00	22.84	10.82*
40.0	40.1	29.34	8.00	22.86	3.23*
45.0	45.2	29.35	8.01	22.88	1.67*
50.1	50.2	29.32	8.01	22.85	1.14
60.1	60.3	29.70	7.93	23.16	13.16
70.0	70.3	30.18	7.86	23.54	10.32*
80.1	80.4	30.26	7.83	23.61	6.06*
90.1	90.5	30.27	7.83	23.61	+
100.0	100.5	30.72	7.74	23.98	19.16
110.0	110.5	30.67	7.74	23.94	+
120.1	120.7	31.16	7.64	24.34	4.84*
130.0	130.7	31.08	7.66	24.28	+
140.1	140.8	31.15	7.64	24.33	8.57*
150.1	150.8	31.27	7.61	24.43	5.50*
160.1	160.9	31.22	7.62	24.39	+
170.0	170.9	31.25	7.62	24.41	1.91*
180.0	180.9	31.22	7.63	24.39	+
190.0	191.0	31.25	7.62	24.41	3.76
200.0	201.0	31.26	7.62	24.42	+
210.1	211.1	31.30	7.59	24.46	1.21*
220.0	221.1	31.33	7.59	24.48	3.86*
230.0	231.2	31.35	7.59	24.50	3.29
240.1	241.3	31.32	7.60	24.47	+
250.0	251.3	31.32	7.60	24.47	+
260.0	261.3	31.25	7.62	24.41	+
270.1	271.4	31.26	7.62	24.42	3.72*
280.0	281.4	31.33	7.60	24.48	+
290.1	291.5	31.33	7.61	24.48	2.85*
300.0	301.6	31.40	7.59	24.54	6.07*
310.0	311.6	31.40	7.60	24.53	+
320.0	321.7	31.59	7.55	24.69	8.28
330.1	331.8	31.69	7.53	24.77	4.14*
340.0	341.8	31.78	7.50	24.85	

MAX DEPTH 342.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 46.86

DATE 29/ 4/76

TIME (PST) 1001

TAPE CZ0/78/ 6- 7

LONG W123 2.50

PASS NO. 1

STN: LINE 5-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.70	8.26	22.33	24.79
2.0	2.0	29.00	8.02	22.60	18.41
5.0	5.0	29.22	7.96	22.78	9.03
10.0	10.1	29.27	7.95	22.82	8.00*
15.0	15.1	29.30	7.94	22.85	9.99
20.1	20.1	29.77	7.84	23.22	12.60
25.1	25.2	29.86	7.81	23.30	10.60*
30.1	30.2	30.13	7.75	23.52	10.28
35.0	35.2	30.11	7.75	23.50	9.65
40.1	40.2	30.11	7.75	23.51	+
45.0	45.2	30.19	7.73	23.57	7.17*
50.0	50.2	30.20	7.73	23.58	6.00
60.0	60.3	30.54	7.66	23.85	6.15*
70.1	70.3	30.31	7.71	23.67	3.08*
80.0	80.4	30.36	7.70	23.71	6.46*
90.0	90.4	30.60	7.65	23.90	8.93
100.1	100.5	30.69	7.65	23.98	+
110.1	110.6	30.72	7.66	23.99	2.00*
120.1	120.6	30.72	7.66	23.99	1.29*
130.1	130.7	30.70	7.66	23.98	+
140.1	140.7	30.73	7.66	24.00	1.49*
150.0	150.7	30.70	7.66	23.98	+
160.1	160.8	30.70	7.66	23.97	.88*
170.1	170.8	30.70	7.66	23.98	1.59*
180.1	180.9	30.72	7.66	24.00	+
190.1	191.0	30.75	7.66	24.01	3.76

MAX DEPTH 193.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 46.04
 DATE 29/ 4/76
 TIME (PST) 1020

TAPE C70/78/ 6- 8
 LONG W123 1.80
 PASS NO. 3
 STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.51	8.29	22.18	10.95
2.1	2.1	28.56	8.22	22.23	10.44
5.0	5.0	28.56	8.22	22.23	9.67
10.1	10.1	28.56	8.22	22.23	+
15.1	15.1	28.67	8.13	22.33	11.53
20.0	20.1	29.40	7.79	22.94	10.70
25.1	25.2	29.56	7.76	23.07	8.65*
30.1	30.2	29.83	7.74	23.28	8.67
35.1	35.2	29.81	7.73	23.27	5.34
40.1	40.2	30.04	7.72	23.46	7.44
45.2	45.4	30.22	7.70	23.60	6.69*
50.0	50.2	30.24	7.70	23.62	4.68
60.1	60.3	30.24	7.70	23.61	3.57*
70.0	70.3	30.28	7.70	23.65	1.86*
80.0	80.4	30.51	7.68	23.83	5.07
90.1	90.5	30.44	7.69	23.77	+
100.0	100.5	30.54	7.68	23.85	5.98
110.1	110.6	30.52	7.68	23.83	5.53*
120.1	120.6	30.62	7.67	23.92	3.29*
130.1	130.7	30.62	7.67	23.92	.95*
140.1	140.8	30.63	7.67	23.92	5.46*
150.0	150.7	30.62	7.67	23.91	5.61*
160.1	160.8	30.78	7.66	24.04	6.29
170.1	170.9	30.77	7.66	24.04	+
180.1	180.9	30.77	7.66	24.03	+
190.0	190.9	30.76	7.66	24.03	+
200.0	201.0	30.80	7.65	24.06	+
210.1	211.0	30.80	7.66	24.06	3.58
220.1	221.2	31.05	7.62	24.26	13.90*
230.1	231.2	31.30	7.59	24.45	

MAX DEPTH 235.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 44.88

DATE 29/ 4/76

TIME (PST) 1146

TAPE CZ0/78/ 6- 9

LONG W123 .76

PASS NO. 5

STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.33	9.03	21.16	35.72
2.1	2.1	28.25	8.39	21.97	36.05
5.0	5.0	29.38	7.73	22.93	16.37
10.0	10.1	29.44	7.71	22.99	6.05*
15.1	15.2	29.46	7.72	23.00	7.15
20.1	20.1	29.84	7.76	23.29	13.46
25.0	25.2	30.11	7.75	23.50	7.03
30.0	30.2	30.25	7.72	23.62	5.76*
35.1	35.2	30.25	7.72	23.62	1.06*
40.0	40.2	30.26	7.72	23.63	7.05
45.1	45.3	30.36	7.71	23.71	12.79
50.1	50.3	30.39	7.70	23.73	3.83*
60.0	60.3	30.39	7.70	23.73	1.21*
70.1	70.4	30.40	7.70	23.74	1.27*
80.1	80.5	30.43	7.70	23.76	2.30*
90.1	90.5	30.52	7.69	23.83	6.77
100.1	100.5	30.70	7.66	23.98	9.04
MAX DEPTH 102.3					

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 43.22

DATE 29/ 4/76

TIME (PST) 1203

TAPE CZ0/78/ 6- 10

LONG W122 59.27

PASS NO. 7

STN: LINE 5-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.56	8.28	22.22	16.13
2.1	2.1	28.65	8.17	22.30	10.45
5.0	5.0	28.73	8.10	22.38	15.61
10.0	10.1	29.02	7.95	22.63	7.21
15.1	15.1	29.03	7.95	22.63	5.71*
20.0	20.1	29.14	7.92	22.72	5.06
25.1	25.2	29.23	7.91	22.79	9.70
30.1	30.2	29.27	7.90	22.83	9.11
35.0	35.1	29.26	7.90	22.82	+
40.1	40.2	29.38	7.88	22.92	6.20
45.0	45.2	29.43	7.88	22.95	6.53*
50.1	50.2	29.54	7.86	23.04	7.04
60.0	60.2	29.62	7.85	23.10	4.19
70.1	70.3	29.71	7.84	23.18	6.37*
80.2	80.5	29.88	7.82	23.31	5.45*
90.1	90.5	30.05	7.79	23.45	5.78*
100.1	100.5	30.11	7.77	23.50	
110.1	110.6	30.12	7.77	23.51	+
MAX DEPTH 111.5					

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 42.21
 DATE 29/ 4/76
 TIME (PST) 1215

TAPE CZ0/78/ 6- 11
 LONG W122 58.36
 PASS NO. 9
 STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	28.52	8.49	22.16	10.79*
2.0	2.0	28.63	8.26	22.28	9.87*
5.1	5.1	28.73	8.19	22.36	8.48*
10.0	10.1	28.81	8.15	22.44	6.15*
15.2	15.2	28.83	8.15	22.45	3.50*
20.0	20.1	28.85	8.15	22.46	2.76*
25.0	25.1	28.86	8.14	22.47	2.70*
30.1	30.2	28.88	8.15	22.49	2.45*
35.1	35.2	28.88	8.15	22.49	2.07*
40.0	40.2	28.88	8.15	22.49	3.67*
45.0	45.2	29.03	8.16	22.61	6.71*
50.1	50.2	29.11	8.16	22.66	8.33*
60.1	60.3	29.35	8.05	22.87	7.81*
70.1	70.3	29.43	8.00	22.94	5.89
80.1	80.4	29.71	7.91	23.17	5.27*
90.1	90.4	29.81	7.88	23.25	3.94*
100.0	100.4	29.85	7.87	23.29	2.75*
110.0	110.5	29.86	7.86	23.29	1.96*
120.1	120.5	29.87	7.86	23.30	3.63*
130.1	130.6	29.96	7.85	23.37	4.68*
140.1	140.7	30.03	7.83	23.43	7.72*
150.1	150.7	30.34	7.78	23.68	9.64
160.0	160.7	30.42	7.75	23.75	3.25

MAX DEPTH 168.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 35.33

DATE 29/ 4/76

TIME (PST) 1317

TAPE CZ0/78/ 6- 12

LONG W123 12.95

PASS NO. 11

STN: LINE 2-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.34	8.45	22.80	4.24
2.0	2.0	29.38	8.19	22.88	10.01
5.1	5.1	29.55	8.07	23.02	7.51
10.0	10.1	29.58	8.05	23.05	4.25
15.1	15.1	29.68	8.01	23.13	7.02*
20.0	20.1	29.79	7.99	23.22	6.61
25.1	25.2	29.82	7.99	23.25	7.42
30.1	30.2	29.83	7.99	23.25	4.56*
35.1	35.3	29.85	8.00	23.27	4.64*
40.1	40.3	29.93	8.01	23.33	5.54*
45.0	45.2	29.99	8.03	23.37	11.09
50.1	50.3	30.16	8.00	23.51	10.93*
60.1	60.3	30.41	7.96	23.71	7.36*
70.1	70.4	30.59	7.90	23.86	6.15*
80.1	80.5	30.68	7.84	23.94	4.59*
90.1	90.5	30.75	7.80	23.99	4.19*
100.1	100.6	30.80	7.77	24.04	4.46*
110.0	110.5	30.92	7.73	24.14	6.26
120.1	120.6	31.29	7.64	24.45	5.56*
130.1	130.8	31.39	7.61	24.52	5.10*
140.1	140.8	31.38	7.62	24.52	+
150.0	150.8	31.39	7.61	24.53	+
160.0	160.8	31.42	7.61	24.55	3.65
170.1	171.0	31.48	7.60	24.59	+
180.0	181.0	31.49	7.60	24.61	+
190.0	191.0	31.52	7.59	24.63	+
200.1	201.1	31.59	7.58	24.69	+
210.1	211.2	31.67	7.56	24.75	5.12
220.1	221.2	31.78	7.53	24.84	3.60*
230.1	231.3	31.79	7.53	24.85	1.19*
240.0	241.3	31.78	7.53	24.84	+
250.1	251.4	31.80	7.53	24.86	+
260.0	261.4	31.81	7.53	24.86	+
270.0	271.5	31.82	7.53	24.87	+

MAX DEPTH 270.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 35.37
 DATE 29/ 4/76
 TIME (PST) 1415

TAPE CZ0/78/ 6- 13
 LONG W123 14.09
 PASS NO. 13
 STN: LINE 2-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.41	8.46	22.86	12.35
2.0	2.1	29.62	8.30	23.04	8.02
5.1	5.1	29.73	8.14	23.15	12.47
10.0	10.0	29.88	8.01	23.29	7.54
15.0	15.1	29.91	7.99	23.32	6.31*
20.1	20.1	30.03	7.93	23.42	5.97
25.1	25.2	30.12	7.91	23.49	5.61
30.2	30.3	30.22	7.89	23.57	7.32
35.1	35.2	30.38	7.86	23.70	6.87
40.1	40.3	30.40	7.86	23.72	4.76*
45.1	45.3	30.45	7.84	23.76	5.04
50.1	50.3	30.50	7.83	23.80	7.09
60.1	60.4	30.73	7.78	23.98	6.45*
70.1	70.4	30.99	7.73	24.20	8.80
80.1	80.4	31.14	7.69	24.32	2.69
90.0	90.5	31.21	7.67	24.38	6.90
100.0	100.5	31.47	7.59	24.59	4.60
110.0	110.6	31.56	7.57	24.66	4.48*
120.1	120.7	31.60	7.56	24.70	3.60
130.1	130.8	31.65	7.55	24.74	3.52*
140.1	140.8	31.71	7.54	24.78	4.23*
150.1	150.9	31.72	7.54	24.79	1.80*
160.0	160.9	31.75	7.54	24.81	3.84
170.0	171.0	31.81	7.52	24.86	4.96*
180.1	181.0	31.90	7.51	24.94	5.88*
190.1	191.1	31.97	7.49	25.00	5.96
200.1	201.2	32.00	7.49	25.02	.80*
210.1	211.2	32.01	7.49	25.03	1.68*
220.1	221.3	32.01	7.49	25.03	

MAX DEPTH 226.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 35.40
 DATE 29/ 4/76
 TIME (PST) 1432

TAPE CZ0/78/ 6- 14
 LONG W123 15.00
 PASS NO. 15
 STN: LINE 2-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.99	8.18	23.35	1.76*
2.0	2.0	29.99	8.16	23.35	.81
5.0	5.0	29.92	8.20	23.30	2.98*
10.0	10.1	30.05	8.06	23.41	+
15.2	15.2	30.03	8.07	23.40	5.41*
20.1	20.2	30.11	8.01	23.47	8.96
25.1	25.2	30.40	7.90	23.71	9.32
30.0	30.2	30.40	7.89	23.71	11.04*
35.0	35.2	30.84	7.76	24.07	16.76
40.0	40.2	30.89	7.73	24.11	11.69*
45.1	45.3	31.02	7.70	24.22	5.66
50.1	50.3	31.11	7.69	24.30	10.19*
60.1	60.3	31.22	7.64	24.39	6.47
MAX DEPTH	68.5				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 27.78
 DATE 30/ 4/76
 TIME (PST) 1007

TAPE CZ0/78/ 6- 15
 LONG W123 14.72
 PASS NO. 1
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.74	8.54	23.10	6.65
2.0	2.0	29.74	8.43	23.12	8.10
5.1	5.1	29.77	8.28	23.16	7.01*
10.0	10.0	29.80	8.28	23.19	3.09*
15.0	15.1	29.81	8.29	23.20	1.72*
20.1	20.2	29.81	8.29	23.20	1.62*
25.0	25.1	29.82	8.30	23.20	6.63*
30.0	30.1	29.95	8.14	23.32	10.65
35.1	35.2	30.46	7.97	23.74	10.35

MAX DEPTH 38.5

CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 28.25
 DATE 30/ 4/76
 TIME (PST) 1024

TAPE CZ0/78/ 6- 16
 LONG W123 13.23
 PASS NO. 3
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.54	8.38	22.97	3.91
2.0	2.0	29.55	8.27	23.00	9.34
5.1	5.1	29.69	8.15	23.12	10.44
10.0	10.1	29.85	8.08	23.26	8.87
15.0	15.1	30.11	8.01	23.47	11.35
20.0	20.1	30.28	7.93	23.61	7.38
25.1	25.2	30.33	7.98	23.65	5.13
30.0	30.2	30.39	7.99	23.69	7.15
35.1	35.2	30.44	8.00	23.73	4.98*
40.1	40.3	30.45	8.00	23.74	2.67*
45.1	45.3	30.45	8.01	23.74	1.77*
50.1	50.3	30.45	8.00	23.74	2.00
60.0	60.3	30.62	7.98	23.87	7.54
70.0	70.3	30.88	7.89	24.09	5.13*
80.0	80.4	31.08	7.83	24.25	5.24
90.0	90.5	31.14	7.80	24.30	

MAX DEPTH 92.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 30/ 4/76
 TIME (PST) 1044

TAPE CZ0/78/ 6- 17
 LONG W123 11.86
 PASS NO. 5
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.61	8.42	23.02	6.12
2.0	2.1	29.63	8.30	23.05	7.83
5.0	5.1	29.66	8.17	23.09	6.70
10.1	10.1	29.76	8.09	23.19	8.11
15.1	15.2	29.90	8.06	23.30	4.71
20.0	20.1	29.98	8.04	23.37	7.80
25.0	25.1	30.09	8.02	23.45	4.20
30.1	30.2	30.18	8.01	23.52	10.40
35.1	35.3	30.38	7.97	23.69	10.08
40.1	40.3	30.48	7.96	23.76	6.10
45.1	45.3	30.58	7.94	23.84	10.63
50.0	50.3	30.74	7.90	23.98	8.81
60.1	60.3	30.82	7.90	24.04	2.04*
70.0	70.3	30.82	7.90	24.04	+
80.0	80.4	31.02	7.87	24.20	6.51
90.0	90.4	31.08	7.84	24.25	6.17
100.0	100.6	31.39	7.71	24.51	3.61*
110.0	110.6	31.43	7.70	24.54	+
120.0	120.6	31.47	7.68	24.58	3.60

MAX DEPTH 122.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 29.24
 DATE 30/ 4/76
 TIME (PST) 1104

TAPE CZ0/78/ 6- 18
 LONG W123 10.40
 PASS NO. 7
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.53	8.50	22.95	19.77
2.0	2.1	29.68	8.15	23.11	16.34
5.1	5.2	29.89	8.06	23.29	9.17
10.0	10.1	30.02	8.04	23.39	10.74*
15.0	15.1	30.17	8.00	23.52	10.61
20.0	20.1	30.58	7.93	23.85	10.39
25.0	25.1	30.68	7.92	23.93	6.32*
30.2	30.3	30.70	7.91	23.95	4.66
35.1	35.3	30.73	7.91	23.97	6.37
40.1	40.3	30.78	7.90	24.00	8.07*
45.1	45.3	30.97	7.86	24.16	7.05*
50.0	50.3	31.06	7.85	24.23	5.64*
60.0	60.3	31.07	7.84	24.24	5.98
70.1	70.4	31.06	7.85	24.24	+
80.1	80.5	31.20	7.79	24.35	7.69*
90.1	90.6	31.48	7.68	24.58	5.81*
100.0	100.6	31.49	7.68	24.59	1.80*
110.0	110.6	31.50	7.67	24.60	+
120.1	120.7	31.55	7.66	24.64	3.16*
130.0	130.7	31.57	7.65	24.66	3.26*
140.0	140.8	31.62	7.64	24.70	2.34*
150.0	150.8	31.62	7.64	24.70	7.03
160.0	160.9	31.76	7.60	24.81	3.64

MAX DEPTH 165.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAWO STRAIT 1976

LAT N48 29.75

DATE 30/ 4/76

TIME (PST) 1129

TAPE C70/78/ 6- 19

LONG W123 8.86

PASS NO. 9

STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.08	8.20	23.42	5.64
2.1	2.1	30.11	8.11	23.45	7.74
5.1	5.1	30.18	8.01	23.52	7.88
10.0	10.1	30.21	7.98	23.55	5.35*
15.0	15.1	30.27	7.94	23.60	6.70*
20.0	20.1	30.30	7.94	23.63	9.04*
25.1	25.2	30.59	7.88	23.86	8.89
30.1	30.2	30.81	7.84	24.04	11.10
35.1	35.3	30.89	7.82	24.11	7.35*
40.0	40.2	30.98	7.79	24.18	6.24
45.1	45.3	31.14	7.74	24.31	6.25
50.0	50.3	31.21	7.72	24.37	6.49*
60.1	60.4	31.37	7.67	24.50	4.68*
70.0	70.4	31.40	7.67	24.53	6.80
80.0	80.5	31.57	7.63	24.66	6.85*
90.1	90.6	31.62	7.62	24.71	2.61*
100.1	100.6	31.65	7.61	24.73	4.31*
110.0	110.6	31.69	7.60	24.76	3.72*
120.0	120.7	31.74	7.59	24.80	4.98*
130.0	130.7	31.88	7.55	24.91	6.77
140.1	140.9	32.01	7.52	25.02	4.79*
150.1	150.9	32.10	7.49	25.10	4.63*
160.0	160.9	32.13	7.49	25.12	1.81
170.1	171.1	32.14	7.48	25.13	.99*
180.1	181.1	32.14	7.48	25.13	.83*
190.0	191.1	32.14	7.48	25.13	.57*
200.0	201.2	32.14	7.49	25.13	1.26*
210.0	211.2	32.14	7.48	25.13	.65*
220.0	221.3	32.16	7.48	25.14	1.90*
230.1	231.4	32.16	7.48	25.15	1.95*
240.0	241.4	32.19	7.47	25.17	1.17*
250.1	251.5	32.19	7.47	25.17	3.17*
260.0	261.5	32.19	7.47	25.17	2.76*
270.0	271.6	32.23	7.46	25.20	2.14*
280.1	281.7	32.26	7.45	25.23	6.63
290.0	291.7	32.30	7.44	25.26	5.28

MAX DEPTH 295.1

COASTAL ZONE OCLANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 27.78
 DATE 3/ 5/76
 TIME (PST) 0545

TAPE CZ0/78/ 6- 20
 LONG W123 14.72
 PASS NO. 1
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.64	8.63	23.02	20.05*
2.1	2.1	29.91	8.42	23.25	16.90*
5.1	5.1	29.93	8.39	23.27	12.16*
10.1	10.1	30.07	8.30	23.40	7.64
15.1	15.1	30.34	8.18	23.62	5.19
20.0	20.1	30.34	8.18	23.63	2.21*
25.1	25.2	30.35	8.18	23.63	3.58
30.0	30.2	30.37	8.18	23.65	5.79
35.1	35.2	30.40	8.18	23.67	+
MAX DEPTH	39.8				

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 28.25

DATE 3/ 5/76

TIME (PST) 0555

TAPE CZ0/78/ 6- 21

LONG W123 13.23

PASS NO. 3

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.68	8.09	23.90	21.24*
2.0	2.0	30.69	8.08	23.91	15.76*
5.0	5.1	30.69	8.08	23.91	7.53*
10.1	10.1	30.69	8.08	23.91	2.98
15.1	15.2	30.72	8.07	23.93	5.14*
20.1	20.1	30.83	8.02	24.03	6.54*
25.1	25.2	30.85	7.99	24.05	4.02*
30.0	30.2	30.86	7.98	24.06	2.16*
35.1	35.3	30.87	7.98	24.06	3.43*
40.1	40.3	30.93	7.96	24.12	4.51
45.0	45.3	30.94	7.95	24.12	4.76
50.0	50.3	31.00	7.95	24.18	4.21*
60.0	60.3	31.07	7.94	24.23	3.20*
70.0	70.4	31.09	7.93	24.25	6.95

MAX DEPTH 76.6

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 28.74

DATE 3/ 5/76

TIME (PST) 0607

TAPE CZ0/78/ 6- 22

LONG W123 11.86

PASS NO. 5

STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.65	8.13	23.87	4.93
2.1	2.1	30.68	8.12	23.90	6.81
5.0	5.0	30.73	8.10	23.94	8.89
10.1	10.2	30.81	8.07	24.01	4.87*
15.0	15.1	30.85	8.05	24.04	4.78*
20.1	20.2	30.87	8.04	24.06	5.56
25.0	25.2	30.90	8.03	24.08	3.71*
30.1	30.2	30.91	8.03	24.09	2.91*
35.1	35.2	30.94	8.00	24.12	3.43*
40.1	40.3	30.97	7.97	24.15	3.30*
45.1	45.3	31.00	7.97	24.17	2.72*
50.1	50.3	31.00	7.97	24.17	2.81*
60.1	60.3	31.04	7.97	24.20	2.67*
70.2	70.5	31.05	7.97	24.21	2.82*
80.0	80.4	31.10	7.95	24.25	5.45
90.0	90.5	31.22	7.90	24.35	4.89
100.2	100.7	31.28	7.87	24.40	4.21
110.0	110.6	31.35	7.85	24.46	4.62*
120.0	120.7	31.56	7.76	24.64	7.03*
130.0	130.7	31.69	7.71	24.75	6.14

MAX DEPTH 137.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 3/ 5/76
 TIME (PST) 0621

TAPE CZ0/78/ 6- 23
 LONG W123.10.40
 PASS NO. 7
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.56	8.11	23.81	7.74
2.0	2.0	30.62	8.10	23.86	8.86
5.1	5.1	30.72	8.08	23.93	4.49
10.0	10.1	30.75	8.07	23.96	6.38*
15.0	15.1	30.81	8.04	24.01	4.90*
20.1	20.1	30.84	8.03	24.04	3.96*
25.0	25.1	30.86	8.03	24.05	3.62*
30.1	30.2	30.87	8.02	24.06	4.22*
35.1	35.2	30.93	8.02	24.11	3.99*
40.0	40.2	30.93	8.02	24.11	2.46*
45.1	45.3	30.94	8.02	24.11	1.50*
50.1	50.3	30.94	8.02	24.12	1.41*
60.0	60.3	30.95	8.02	24.12	1.83*
70.0	70.3	30.97	8.01	24.14	5.38*
80.0	80.4	31.17	7.92	24.31	6.87
90.1	90.5	31.35	7.84	24.46	5.23*
100.1	100.6	31.42	7.82	24.52	3.34*
110.0	110.6	31.48	7.80	24.57	3.85*
120.0	120.7	31.49	7.80	24.58	2.24*
130.0	130.7	31.51	7.79	24.60	3.08*
140.0	140.7	31.54	7.77	24.62	6.11
150.1	150.9	31.72	7.71	24.77	6.11*
160.1	160.9	31.81	7.68	24.85	5.67*
170.0	171.0	31.98	7.62	24.98	4.91
180.1	181.1	32.07	7.59	25.06	4.26*
190.0	191.1	32.07	7.58	25.06	4.67
200.1	201.2	32.32	7.50	25.27	12.72*
210.1	211.3	32.36	7.49	25.30	3.18*
220.0	221.3	32.38	7.48	25.32	7.24
230.1	231.4	32.46	7.45	25.38	4.45*

MAX DEPTH 236.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 3/ 5/76
 TIME (PST) 0639

TAPE CZ0/78/ 6- 24
 LONG W123 8.86
 PASS NO. 9
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.58	8.17	23.81	9.84*
2.0	2.0	30.67	8.14	23.89	8.01*
5.0	5.1	30.69	8.12	23.91	5.26*
10.0	10.1	30.72	8.10	23.93	3.84*
15.1	15.1	30.72	8.09	23.93	4.54*
20.1	20.2	30.72	8.09	23.93	+
25.0	25.2	30.72	8.09	23.93	5.95*
30.0	30.2	30.72	8.09	23.93	+
35.0	35.2	30.72	8.10	23.93	7.36*
40.1	40.3	30.87	8.04	24.06	6.22*
45.1	45.3	30.89	8.04	24.07	3.66*
50.1	50.3	30.90	8.04	24.09	2.42*
60.1	60.3	30.91	8.04	24.09	2.16*
70.1	70.5	30.95	8.03	24.12	3.98*
80.1	80.4	31.08	7.97	24.23	6.22*
90.1	90.6	31.19	7.91	24.33	3.84*
100.1	100.6	31.20	7.90	24.34	3.81
110.1	110.6	31.33	7.85	24.45	6.56*
120.0	120.7	31.65	7.73	24.71	8.59
130.0	130.7	31.72	7.70	24.77	4.46*
140.2	140.9	31.78	7.68	24.82	3.26*
150.1	150.9	31.80	7.68	24.83	3.22*
160.1	161.0	31.86	7.66	24.88	4.00*
170.0	171.0	31.89	7.64	24.91	4.76
180.0	181.0	31.93	7.64	24.94	3.75
190.1	191.2	31.99	7.61	24.99	5.47
200.0	201.1	32.04	7.60	25.04	+
210.0	211.2	32.02	7.60	25.02	+
220.1	221.3	32.03	7.60	25.03	+
230.1	231.4	32.05	7.60	25.04	+
240.0	241.4	32.13	7.57	25.11	+
250.0	251.4	32.14	7.57	25.12	+
260.0	261.5	32.18	7.55	25.15	+
270.0	271.6	32.33	7.50	25.28	6.28
280.1	281.7	32.43	7.47	25.36	+
290.0	291.7	32.45	7.47	25.37	3.48*
300.1	301.8	32.51	7.45	25.43	2.10
310.0	311.9	32.58	7.42	25.48	+

MAX DEPTH 319.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 3/ 5/76
 TIME (PST) 0727

TAPE CZ0/78/ 6- 25
 LONG W123 8.86
 PASS NO. 11
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.61	8.17	23.84	6.18
2.0	2.1	30.64	8.14	23.86	6.54
5.0	5.1	30.68	8.12	23.90	7.04
10.1	10.1	30.70	8.10	23.92	3.42*
15.1	15.1	30.72	8.10	23.93	3.26*
20.1	20.2	30.73	8.09	23.94	4.05*
25.0	25.1	30.78	8.07	23.99	4.44
30.0	30.1	30.81	8.06	24.01	3.09*
35.0	35.2	30.82	8.06	24.02	2.24*
40.1	40.2	30.83	8.06	24.03	3.91*
45.1	45.3	30.90	8.04	24.08	4.02*
50.1	50.3	30.91	8.04	24.09	3.73*
60.0	60.3	30.96	7.99	24.13	6.59*
70.1	70.4	31.11	7.94	24.26	4.90
80.1	80.5	31.14	7.93	24.28	3.28*
90.0	90.5	31.27	7.87	24.39	5.51*
100.1	100.6	31.32	7.85	24.44	5.21
110.1	110.6	31.40	7.82	24.50	2.31*
120.1	120.7	31.41	7.82	24.51	2.16
130.1	130.8	31.52	7.78	24.60	7.03*
140.1	140.9	31.66	7.73	24.72	7.14*
150.1	150.9	31.80	7.68	24.84	3.08*
160.2	161.0	31.84	7.66	24.87	3.08*
170.1	171.0	31.87	7.66	24.89	3.14*
180.1	181.0	31.86	7.66	24.89	4.54
190.0	191.0	31.90	7.65	24.92	+
200.2	201.3	31.94	7.63	24.95	7.83
210.0	211.2	32.13	7.57	25.11	8.32*
220.0	221.3	32.25	7.52	25.21	4.27*
230.0	231.4	32.43	7.47	25.36	8.01*
240.0	241.5	32.52	7.44	25.43	2.09*
250.1	251.5	32.53	7.43	25.44	4.43*
260.1	261.7	32.52	7.44	25.43	+
270.1	271.8	32.52	7.44	25.43	+
280.1	281.7	32.52	7.44	25.43	+
290.1	291.8	32.54	7.44	25.45	+
300.0	301.8	32.55	7.43	25.45	+
310.0	311.9	32.54	7.43	25.45	+

MAX DEPTH 320.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 29.24

DATE 3/ 5/76

TIME (PST) 0747

TAPE CZ0/78/ 6- 26

LONG W123 10.40

PASS NO. 13

STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.77	8.10	23.97	48.70
2.0	2.0	30.78	8.07	23.98	19.82
5.1	5.1	30.78	8.05	23.99	4.66*
10.0	10.1	30.78	8.06	23.99	+
15.1	15.1	30.78	8.05	23.99	3.36*
20.0	20.1	30.80	8.04	24.00	3.26
25.1	25.2	30.82	8.03	24.02	5.30
30.0	30.2	30.86	8.03	24.05	2.86*
35.1	35.3	30.86	8.03	24.05	2.82*
40.2	40.4	30.88	8.03	24.06	3.45*
45.1	45.3	30.90	8.03	24.08	2.67*
50.1	50.3	30.91	8.04	24.09	1.51*
60.1	60.4	30.96	8.02	24.13	7.35*
70.1	70.4	31.12	7.92	24.27	3.58*
80.0	80.4	31.17	7.92	24.31	5.51
90.0	90.5	31.31	7.86	24.43	6.68
100.2	100.7	31.43	7.81	24.53	4.00
110.0	110.6	31.57	7.76	24.65	7.93*
120.0	120.7	31.63	7.73	24.69	4.38
130.1	130.8	31.67	7.71	24.73	2.38*
140.0	140.8	31.68	7.72	24.74	2.04*
150.1	150.9	31.72	7.71	24.77	3.98
160.0	160.9	31.78	7.68	24.82	4.81*
170.1	171.0	31.88	7.65	24.90	5.26
180.0	181.0	31.95	7.63	24.96	5.54*
190.1	191.1	32.08	7.58	25.07	5.12*
200.1	201.2	32.12	7.57	25.10	6.07

MAX DEPTH 208.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 3/ 5/76
 TIME (PST) 0801

TAPE CZ0/78/ 6- 27
 LONG W123 11.86
 PASS NO. 15
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.68	8.15	23.90	12.38
2.1	2.1	30.75	8.09	23.96	8.94
5.0	5.1	30.84	8.05	24.03	10.19
10.1	10.2	30.88	8.03	24.07	3.30*
15.0	15.1	30.89	8.02	24.07	2.94
20.1	20.2	30.90	8.02	24.09	3.73*
25.1	25.2	30.91	8.01	24.09	2.19*
30.1	30.2	30.92	8.02	24.10	3.16*
35.1	35.3	30.94	8.01	24.12	4.15*
40.1	40.2	30.98	8.00	24.15	4.47
45.0	45.2	31.00	7.99	24.17	3.43*
50.1	50.3	31.02	7.98	24.18	4.25
60.0	60.3	31.09	7.94	24.24	2.48*
70.1	70.4	31.14	7.91	24.29	5.94*
80.1	80.5	31.24	7.88	24.37	3.96*
90.1	90.5	31.37	7.83	24.48	6.15
100.1	100.6	31.39	7.82	24.49	3.59
110.1	110.7	31.44	7.80	24.53	7.78
120.1	120.8	32.03	7.58	25.03	7.10

MAX DEPTH 129.2

CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 28.25
 DATE 3/ 5/76
 TIME (PST) 0815

TAPE CZ0/78/ 6- 28
 LONG W123 13.23
 PASS NO. 17
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.73	8.58	23.09	6.35
2.0	2.0	29.82	8.46	23.18	10.77
5.1	5.1	29.98	8.35	23.32	14.95
10.0	10.1	30.26	8.19	23.56	9.18
15.1	15.2	30.47	8.12	23.73	6.70
20.1	20.1	30.65	8.09	23.88	5.14
25.0	25.2	30.67	8.09	23.89	5.26*
30.1	30.2	30.72	8.07	23.94	5.57
35.1	35.3	30.83	8.04	24.02	5.82*
40.0	40.2	30.90	8.02	24.09	6.20*
45.0	45.2	30.96	7.99	24.13	5.73*
50.0	50.3	31.02	7.95	24.19	5.34
60.1	60.3	31.09	7.91	24.25	4.00*

MAX DEPTH 67.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 27.78

DATE 3/ 5/76

TIME (PST) 0826

TAPE CZ0/78/ 6- 29

LONG W123 14.72

PASS NO. 19

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.64	8.79	22.99	3.61
2.1	2.1	29.64	8.72	23.00	9.60
5.0	5.1	29.97	8.39	23.31	19.49
10.1	10.1	30.10	8.27	23.42	6.23
15.0	15.1	30.19	8.20	23.51	11.08
20.0	20.1	30.35	8.15	23.63	7.98
25.1	25.2	30.44	8.13	23.71	6.58
30.0	30.1	30.46	8.12	23.73	6.37*
35.1	35.2	30.57	8.10	23.82	6.11*

MAX DEPTH 39.5

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 27.78

DATE 3/ 5/76

TIME (PST) 0853

TAPE CZ0/78/ 6- 30

LONG W123 14.72

PASS NO. 21

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.59	9.00	22.92	72.53
2.0	2.0	29.81	8.48	23.17	36.27
5.0	5.0	30.17	8.23	23.49	9.91
10.0	10.1	30.31	8.15	23.60	8.55
15.0	15.1	30.39	8.11	23.68	4.86
20.1	20.1	30.46	8.11	23.72	6.17*
25.1	25.2	30.51	8.11	23.77	8.52
30.2	30.3	30.71	8.04	23.93	6.37*
35.0	35.2	30.74	8.03	23.95	+

MAX DEPTH 37.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 28.25
 DATE 3/ 5/76
 TIME (PST) 0902

TAPE CZ0/78/ 6- 31
 LONG W123 13.23
 PASS NO. 23
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.67	8.74	23.02	36.17
2.1	2.1	30.02	8.31	23.36	16.20
5.1	5.1	30.07	8.28	23.40	4.50
10.0	10.0	30.27	8.18	23.57	6.65*
15.0	15.1	30.30	8.15	23.60	4.62*
20.1	20.2	30.35	8.12	23.64	5.42*
25.1	25.2	30.44	8.08	23.72	6.28*
30.1	30.2	30.47	8.09	23.74	5.53
35.0	35.2	30.55	8.08	23.80	6.82
40.1	40.3	30.59	8.09	23.83	4.60*
45.1	45.3	30.65	8.11	23.87	4.60
50.1	50.3	30.69	8.09	23.91	4.55*
60.1	60.4	30.79	8.06	23.99	6.26
70.1	70.4	30.86	8.03	24.05	6.82
80.0	80.4	30.90	8.01	24.08	+
90.1	90.5	31.01	7.96	24.17	5.33*

MAX DEPTH 91.2

CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 28.74
 DATE 3/ 5/76
 TIME (PST) 0912

TAPE CZ0/78/ 6- 32
 LONG W123 11.86
 PASS NO. 25
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.12	8.38	23.42	19.97
2.0	2.0	30.31	8.11	23.61	13.14
5.1	5.1	30.39	8.09	23.68	4.35
10.0	10.1	30.48	8.09	23.75	7.18*
15.0	15.1	30.54	8.09	23.79	7.57*
20.0	20.1	30.67	8.09	23.90	5.35*
25.1	25.2	30.68	8.09	23.90	3.11*
30.1	30.2	30.72	8.09	23.94	7.98
35.0	35.2	30.80	8.07	24.00	3.58*
40.1	40.3	30.81	8.07	24.01	1.68*
45.0	45.2	30.81	8.07	24.01	1.47*
50.0	50.2	30.82	8.06	24.02	1.40*
60.0	60.3	30.82	8.06	24.02	2.62*
70.0	70.4	30.89	8.04	24.08	4.93*
80.1	80.5	30.94	8.01	24.12	4.97
90.0	90.5	31.09	7.92	24.25	7.38*
100.0	100.5	31.29	7.85	24.41	8.62*
110.0	110.6	31.66	7.71	24.72	6.02
120.0	120.7	31.97	7.60	24.98	10.99

MAX DEPTH 128.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 29.24

DATE 3/ 5/76

TIME (PST) 0927

TAPE CZ0/78/ 6- 33

LONG W123 10.40

PASS NO. 27

STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.29	8.39	23.56	19.40
2.0	2.0	30.39	8.12	23.67	11.32
5.1	5.1	30.43	8.11	23.70	5.43
10.1	10.1	30.48	8.10	23.75	5.65*
15.1	15.1	30.51	8.10	23.77	5.07*
20.0	20.1	30.59	8.08	23.84	6.02*
25.0	25.1	30.71	8.08	23.93	7.11
30.1	30.2	30.77	8.07	23.98	7.29
35.1	35.3	30.90	8.03	24.08	7.80
40.1	40.3	30.92	8.02	24.10	4.85*
45.0	45.2	30.96	8.01	24.14	4.65
50.1	50.4	31.00	7.99	24.17	4.25*
60.0	60.3	31.06	7.96	24.22	5.09
70.0	70.4	31.22	7.87	24.36	3.84*
80.0	80.4	31.27	7.85	24.40	2.82*
90.1	90.5	31.29	7.85	24.41	5.66*
100.1	100.6	31.43	7.80	24.53	4.32*
110.0	110.6	31.47	7.79	24.56	4.11*
120.1	120.7	31.55	7.76	24.63	4.15*
130.1	130.8	31.58	7.75	24.65	6.19*
140.1	140.8	31.83	7.66	24.87	5.57*
150.0	150.8	31.85	7.66	24.88	2.26*
160.1	161.0	31.88	7.65	24.90	4.81*
170.1	171.0	32.07	7.58	25.06	4.54
180.1	181.2	32.10	7.57	25.09	2.19*
190.1	191.2	32.10	7.57	25.08	2.70
200.1	201.2	32.28	7.51	25.23	9.04*

MAX DEPTH 207.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 3/ 5/76
 TIME (PST) 0942

TAPE CZ0/78/ 6- 34
 LONG W123 8.86
 PASS NO. 29
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.58	8.09	23.82	1.65
2.0	2.1	30.57	8.09	23.81	1.42*
5.0	5.1	30.61	8.06	23.85	3.55
10.0	10.1	30.62	8.08	23.85	5.45
15.1	15.1	30.69	8.07	23.92	7.10
20.1	20.2	30.79	8.04	23.99	6.03*
25.0	25.1	30.87	8.03	24.06	6.23*
30.1	30.3	30.92	8.02	24.10	6.52*
35.1	35.3	30.96	8.00	24.14	6.80*
40.0	40.2	31.18	7.92	24.31	5.01
45.2	45.4	31.18	7.91	24.32	4.57*
50.1	50.3	31.18	7.91	24.32	+
60.0	60.3	31.22	7.90	24.35	5.98
70.1	70.5	31.39	7.82	24.49	5.72*
80.2	80.6	31.43	7.81	24.53	3.86*
90.1	90.6	31.49	7.78	24.58	4.57
100.1	100.6	31.56	7.76	24.64	4.58*
110.1	110.7	31.62	7.74	24.68	4.55*
120.2	120.9	31.77	7.68	24.81	7.18
130.0	130.7	31.80	7.68	24.83	2.71
140.1	140.8	31.82	7.67	24.85	6.76*
150.1	150.9	32.01	7.60	25.01	4.08*
160.0	160.9	32.09	7.58	25.08	6.04
170.0	171.0	32.13	7.56	25.11	.92*
180.1	181.1	32.14	7.56	25.12	1.80*
190.0	191.1	32.31	7.50	25.26	5.93*
200.2	201.3	32.33	7.50	25.28	2.93*
210.0	211.3	32.34	7.49	25.29	3.11*
220.0	221.3	32.39	7.48	25.32	3.15*
230.0	231.4	32.41	7.47	25.34	1.42*
240.1	241.5	32.42	7.47	25.35	2.09*
250.1	251.6	32.45	7.46	25.37	3.60*
260.1	261.7	32.50	7.44	25.42	4.07*
270.1	271.7	32.50	7.44	25.42	+
280.0	281.7	32.50	7.44	25.42	+
290.1	291.8	32.51	7.44	25.42	+
300.1	301.9	32.51	7.44	25.42	+
310.0	311.9	32.53	7.44	25.44	+
320.0	321.9	32.52	7.45	25.43	+

MAX DEPTH 320.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 29.75

DATE 3/ 5/76

TIME (PST) 1107

TAPE CZ0/78/ 6- 35

LONG W123 8.86

PASS NO. 33

STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.20	8.25	23.51	6.74
2.0	2.0	30.24	8.20	23.54	8.48
5.1	5.1	30.36	8.13	23.65	7.99
10.1	10.1	30.73	7.98	23.96	10.31
15.1	15.2	30.79	7.96	24.01	5.83*
20.1	20.2	30.85	7.94	24.06	5.38
25.0	25.1	30.91	7.92	24.11	4.35
30.1	30.3	30.99	7.90	24.17	6.04
35.2	35.3	31.01	7.91	24.18	4.95*
40.0	40.2	31.09	7.88	24.25	5.80*
45.0	45.2	31.11	7.88	24.27	6.62*
50.0	50.3	31.22	7.83	24.36	8.65
60.0	60.3	31.36	7.80	24.47	3.02*
70.1	70.5	31.38	7.80	24.49	3.59*
80.1	80.5	31.54	7.76	24.62	8.43
90.2	90.7	31.71	7.69	24.77	3.89*
100.1	100.6	31.73	7.69	24.78	3.21*
110.1	110.6	31.76	7.67	24.81	6.16*
120.1	120.7	31.95	7.61	24.97	5.30*
130.1	130.8	31.97	7.61	24.98	4.33
140.0	140.8	32.02	7.59	25.02	2.84*
150.1	150.9	32.05	7.58	25.04	3.35
160.1	161.0	32.08	7.57	25.07	3.08*
170.1	171.1	32.15	7.55	25.12	6.73*
180.1	181.2	32.30	7.50	25.26	4.00*
190.0	191.1	32.31	7.50	25.26	+
200.1	201.2	32.30	7.50	25.25	5.71*
210.1	211.3	32.47	7.45	25.39	3.56*
220.0	221.3	32.48	7.45	25.40	1.86*
230.0	231.4	32.49	7.44	25.41	1.16*
240.0	241.5	32.49	7.45	25.41	1.27*
250.1	251.6	32.48	7.45	25.40	1.84*
260.1	261.6	32.49	7.45	25.41	1.44*
270.1	271.7	32.49	7.45	25.41	1.89*
280.1	281.7	32.50	7.45	25.42	+
290.1	291.8	32.52	7.44	25.44	+
300.1	301.8	32.52	7.44	25.44	+
310.0	311.9	32.53	7.44	25.44	+

MAX DEPTH 318.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 3/ 5/76
 TIME (PST) 1127

TAPE C20/78/ 6- 36
 LONG W123 10.40
 PASS NO. 35
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.80	9.26	23.05	63.42
2.0	2.0	29.99	8.27	23.34	25.01
5.1	5.1	30.01	8.23	23.36	5.57*
10.1	10.2	30.06	8.18	23.41	6.39
15.0	15.1	30.15	8.13	23.48	7.82
20.1	20.2	30.54	8.02	23.81	11.52
25.0	25.2	30.76	7.98	23.98	8.77
30.1	30.2	30.82	7.97	24.03	5.54*
35.1	35.2	30.86	7.96	24.06	5.74
40.0	40.2	30.92	7.96	24.11	3.66*
45.1	45.3	30.92	7.97	24.11	1.79*
50.0	50.2	30.94	7.97	24.12	2.56*
60.0	60.3	30.98	7.98	24.15	3.31*
70.0	70.3	31.02	7.96	24.19	5.89
80.0	80.4	31.18	7.90	24.32	7.72*
90.1	90.5	31.44	7.80	24.54	10.61
100.1	100.6	31.68	7.71	24.74	2.50*
110.1	110.6	31.69	7.71	24.75	2.06*
120.1	120.7	31.68	7.71	24.74	+
130.0	130.7	31.77	7.68	24.82	3.83*
140.1	140.8	31.83	7.66	24.86	4.89*
150.1	150.9	31.89	7.63	24.92	8.18
160.0	160.9	31.93	7.62	24.95	6.07
170.0	171.0	32.10	7.56	25.08	6.99*
180.1	181.2	32.21	7.53	25.18	4.20*
190.0	191.1	32.26	7.51	25.22	3.16*
200.0	201.2	32.31	7.49	25.26	+

MAX DEPTH 207.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 28.74

DATE 3/ 5/76

TIME (PST) 1144

TAPE CZ0/78/ 6- 37

LONG W123 11.86

PASS NO. 37

STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.91	8.63	23.22	12.50
2.0	2.0	29.87	8.40	23.22	11.12
5.0	5.1	29.91	8.26	23.28	5.96
10.1	10.1	29.95	8.24	23.31	8.19*
15.1	15.1	30.19	8.17	23.51	6.37
20.0	20.1	30.38	8.11	23.66	11.95
25.1	25.2	30.52	8.05	23.78	9.32
30.0	30.1	30.67	8.02	23.91	5.23
35.0	35.2	30.72	8.01	23.95	6.73
40.1	40.3	30.79	8.00	24.00	5.50
45.0	45.2	30.82	7.99	24.02	2.71*
50.0	50.2	30.81	8.00	24.02	2.00*
60.1	60.3	30.82	8.00	24.03	+
70.1	70.4	30.84	8.00	24.04	6.50
80.1	80.4	31.19	7.89	24.33	7.88
90.1	90.5	31.38	7.82	24.49	4.60*
100.1	100.6	31.60	7.74	24.68	5.69
110.0	110.6	31.69	7.70	24.75	4.07*
120.0	120.6	31.73	7.69	24.78	6.23

MAX DEPTH 124.3

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 28.25

DATE 3/ 5/76

TIME (PST) 1155

TAPE CZ0/78/ 6- 38

LONG W123 13.23

PASS NO. 39

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.07	8.39	23.38	.46
2.0	2.0	30.06	8.33	23.39	.83*
5.0	5.1	30.05	8.34	23.37	2.07
10.1	10.1	30.08	8.33	23.40	3.68
15.0	15.1	30.10	8.31	23.42	5.70*
20.0	20.1	30.19	8.21	23.50	7.09*
25.0	25.1	30.23	8.18	23.54	7.95*
30.0	30.2	30.41	8.12	23.69	8.14*
35.1	35.2	30.39	8.12	23.67	7.86*
40.1	40.3	30.55	8.08	23.80	6.61
45.2	45.3	30.60	8.06	23.85	4.26*
50.0	50.3	30.60	8.06	23.85	2.06*
60.1	60.4	30.63	8.05	23.87	4.83
70.0	70.4	30.88	7.98	24.07	11.33

MAX DEPTH 72.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 27.78
 DATE 3/ 5/76
 TIME (PST) 1205

TAPE CZ0/78/ 6- 39
 LONG W123 14.72
 PASS NO. 41
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.29	9.53	22.61	28.85
2.0	2.0	29.55	8.83	22.91	19.57
5.1	5.1	29.75	8.57	23.11	9.70
10.0	10.1	29.84	8.41	23.20	7.71
15.0	15.1	29.96	8.35	23.31	9.57
20.0	20.1	30.05	8.30	23.38	4.32
25.1	25.2	30.11	8.27	23.44	9.05
30.1	30.2	30.24	8.19	23.54	9.99
35.0	35.2	30.38	8.15	23.66	+

MAX DEPTH 37.6

CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 27.78
 DATE 3/ 5/76
 TIME (PST) 1240

TAPE CZ0/78/ 6- 40
 LONG W123 14.72
 PASS NO. 43
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.50	9.72	22.74	28.63
2.1	2.1	29.58	8.69	22.96	14.67
5.1	5.1	29.68	8.55	23.06	8.58
10.1	10.1	29.81	8.45	23.17	10.92
15.0	15.1	29.89	8.37	23.25	4.89
20.1	20.1	30.00	8.32	23.34	7.54
25.0	25.1	30.12	8.28	23.44	10.40
30.1	30.2	30.24	8.20	23.54	8.07
35.1	35.2	30.45	8.13	23.72	17.28

MAX DEPTH 36.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 28.25

DATE 3/ 5/76

TIME (PST) 1248

TAPE CZ0/78/ 6- 41

LONG W123 13.23

PASS NO. 45

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.89	9.73	23.05	3.32
2.1	2.1	29.93	8.69	23.23	8.51
5.1	5.1	30.04	8.40	23.36	9.61
10.1	10.1	30.11	8.27	23.43	6.93
15.0	15.1	30.28	8.18	23.57	10.15
20.0	20.1	30.47	8.09	23.73	7.69
25.1	25.2	30.53	8.06	23.79	5.69*
30.0	30.2	30.62	8.03	23.86	6.67*
35.0	35.2	30.71	7.99	23.94	5.40*
40.1	40.3	30.75	7.99	23.97	4.13*
45.0	45.2	30.76	8.00	23.98	2.88*
50.0	50.2	30.77	7.99	23.99	1.80*
60.0	60.3	30.77	7.99	23.98	1.95*
70.1	70.4	30.84	7.99	24.04	7.70
80.0	80.4	31.04	7.92	24.21	5.56*
90.1	90.5	31.18	7.88	24.32	5.24
100.0	100.5	31.41	7.80	24.52	5.69

MAX DEPTH 102.0

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 28.74

DATE 3/ 5/76

TIME (PST) 1259

TAPE CZ0/78/ 6- 42

LONG W123 11.86

PASS NO. 47

STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.21	8.33	23.50	9.81*
2.1	2.1	30.27	8.28	23.56	9.13*
5.0	5.1	30.25	8.22	23.55	8.11*
10.0	10.1	30.26	8.21	23.56	+
15.1	15.2	30.25	8.22	23.55	4.71*
20.1	20.2	30.29	8.19	23.58	3.19*
25.1	25.2	30.29	8.19	23.58	1.80*
30.0	30.2	30.29	8.19	23.58	1.34*
35.1	35.3	30.30	8.18	23.59	1.55*
40.1	40.2	30.30	8.18	23.59	6.80
45.0	45.2	30.46	8.11	23.73	15.51
50.1	50.3	30.63	8.03	23.87	10.27*
60.1	60.3	30.94	7.93	24.13	10.09
70.1	70.4	31.34	7.80	24.46	9.80
80.1	80.5	31.59	7.73	24.66	4.21*
90.1	90.6	31.60	7.73	24.67	2.96*
100.0	100.5	31.56	7.73	24.64	+
110.1	110.7	31.57	7.73	24.65	+
120.1	120.7	31.68	7.70	24.74	5.13
130.1	130.8	31.76	7.68	24.80	+

MAX DEPTH 131.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 29.24
 DATE 3/ 5/76
 TIME (PST) 1311

TAPE C20/78/ 6- 43
 LONG W123 10.40
 PASS NO. 49
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.55	9.11	22.87	28.95
2.0	2.0	29.77	8.34	23.16	17.24
5.0	5.0	29.86	8.25	23.24	6.70
10.0	10.1	30.14	8.14	23.47	11.59
15.0	15.1	30.31	8.10	23.61	7.41
20.0	20.1	30.40	8.07	23.68	6.37*
25.0	25.1	30.45	8.05	23.73	4.92*
30.1	30.2	30.48	8.04	23.75	4.94*
35.1	35.2	30.52	8.05	23.78	9.75
40.1	40.3	30.81	7.96	24.02	14.74
45.0	45.3	30.97	7.91	24.16	8.77
50.1	50.3	31.12	7.85	24.28	9.76*
60.0	60.3	31.39	7.76	24.50	6.83
70.0	70.4	31.59	7.70	24.67	6.64*
80.1	80.5	31.68	7.67	24.74	6.27*
90.1	90.6	31.74	7.65	24.79	2.49*
100.1	100.6	31.75	7.65	24.80	3.42*
110.0	110.6	31.81	7.64	24.85	3.60*
120.2	120.8	31.84	7.64	24.87	2.07*
130.0	130.7	31.85	7.64	24.88	3.41*
140.0	140.8	31.94	7.62	24.95	2.03*
150.0	150.8	31.94	7.62	24.95	1.92*
160.0	160.9	31.95	7.62	24.96	2.00*
170.0	171.0	31.96	7.61	24.97	2.46*
180.1	181.1	32.03	7.59	25.03	7.43
190.0	191.1	32.15	7.55	25.13	7.33*
200.0	201.2	32.30	7.50	25.25	+

MAX DEPTH 201.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 29.75

DATE 3/ 5/76

TIME (PST) 1327

TAPE CZ0/78/ 6- 44

LONG W123 8.86

PASS NO. 51

STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.33	8.20	23.61	.59
2.0	2.0	30.32	8.17	23.61	1.99*
5.1	5.1	30.35	8.13	23.64	4.99
10.1	10.1	30.41	8.08	23.69	9.38
15.0	15.1	30.75	7.97	23.97	17.47
20.0	20.1	30.94	7.92	24.13	5.24
25.0	25.1	31.03	7.89	24.21	9.45
30.0	30.2	31.08	7.87	24.24	4.82*
35.1	35.3	31.12	7.86	24.28	3.75*
40.0	40.2	31.15	7.85	24.30	3.68*
45.1	45.3	31.17	7.84	24.32	4.15*
50.1	50.4	31.22	7.82	24.36	4.76*
60.1	60.4	31.38	7.77	24.49	6.20
70.0	70.4	31.50	7.73	24.59	8.50
80.1	80.5	31.61	7.69	24.68	5.46*
90.1	90.5	31.71	7.66	24.77	5.95*
100.1	100.6	31.83	7.63	24.86	5.42*
110.1	110.7	31.91	7.61	24.93	5.33*
120.1	120.8	31.97	7.59	24.98	7.32*
130.2	130.9	32.14	7.55	25.12	6.39*
140.0	140.8	32.18	7.54	25.15	+
150.1	150.9	32.16	7.55	25.14	+
160.1	161.0	32.16	7.55	25.13	+
170.0	171.0	32.30	7.51	25.25	12.58*
180.1	181.1	32.34	7.49	25.28	4.66
190.1	191.2	32.35	7.49	25.30	1.33*
200.0	201.2	32.36	7.49	25.30	1.28*
210.1	211.3	32.37	7.48	25.31	+
220.0	221.3	32.39	7.48	25.32	+
230.0	231.4	32.43	7.47	25.36	+
240.0	241.4	32.43	7.47	25.36	+
250.1	251.5	32.45	7.46	25.38	+
260.0	261.6	32.45	7.46	25.38	+
270.0	271.6	32.48	7.45	25.40	3.57
280.0	281.7	32.55	7.43	25.46	+
290.1	291.8	32.55	7.43	25.46	5.20
300.1	301.9	32.65	7.39	25.54	2.27*
310.1	312.0	32.65	7.39	25.54	+

MAX DEPTH 314.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 3/ 5/76
 TIME (PST) 1403

TAPE CZ078/ 6- 45
 LONG W123 8.86
 PASS NO. 53
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.76	9.01	23.05	31.70
2.0	2.1	30.11	8.36	23.42	18.51
5.0	5.0	30.27	8.16	23.57	10.68
10.1	10.1	30.37	8.11	23.66	6.99
15.1	15.2	30.45	8.09	23.72	7.48
20.1	20.2	30.52	8.08	23.78	6.10*
25.1	25.2	30.58	8.06	23.83	11.64
30.0	30.2	30.97	7.90	24.15	10.73
35.1	35.3	31.04	7.89	24.21	7.07
40.1	40.3	31.10	7.87	24.26	6.87
45.1	45.3	31.25	7.81	24.39	8.83
50.0	50.3	31.34	7.78	24.46	5.28*
60.1	60.4	31.44	7.75	24.54	7.53
70.1	70.4	31.61	7.69	24.68	7.47*
80.0	80.5	31.75	7.65	24.80	4.33
90.1	90.6	31.86	7.62	24.89	6.32
100.1	100.7	31.94	7.60	24.95	+
110.1	110.7	31.96	7.59	24.97	2.83*
120.1	120.8	31.99	7.59	24.99	2.49*
130.0	130.8	32.08	7.56	25.07	5.96*
140.0	140.8	32.11	7.56	25.10	2.59*
150.0	150.9	32.16	7.54	25.14	3.09*
160.1	161.0	32.18	7.54	25.15	3.51
170.0	171.0	32.26	7.51	25.22	8.18
180.0	181.1	32.33	7.49	25.27	.31*
190.0	191.1	32.33	7.49	25.28	.89*
200.1	201.2	32.34	7.49	25.28	+
210.1	211.3	32.33	7.50	25.27	2.03*
220.1	221.4	32.33	7.50	25.28	1.11*
230.1	231.4	32.35	7.49	25.29	.80*
240.2	241.6	32.36	7.49	25.30	2.60*
250.1	251.5	32.36	7.49	25.30	+
260.1	261.6	32.39	7.48	25.33	+
270.1	271.7	32.51	7.44	25.42	+
280.1	281.7	32.48	7.46	25.40	+
290.1	291.8	32.57	7.42	25.48	+
300.1	301.9	32.65	7.39	25.54	+
310.0	311.9	32.66	7.39	25.55	+

MAX DEPTH 319.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 29.24

DATE 3/ 5/76

TIME (PST) 1428

TAPE CZ0/78/ 6- 46

LONG W123 10.40

PASS NO. 55

STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	29.67	9.11	22.97	27.48
2.1	2.1	29.89	8.34	23.25	16.16
5.1	5.2	30.08	8.18	23.42	13.58
10.0	10.1	30.19	8.13	23.52	6.60
15.0	15.1	30.33	8.08	23.63	10.42
20.0	20.1	30.46	8.04	23.74	7.67
25.1	25.2	30.56	8.02	23.81	7.70
30.1	30.3	30.59	8.01	23.84	3.31*
35.1	35.2	30.61	8.01	23.86	2.98*
40.1	40.3	30.63	8.00	23.88	3.83*
45.0	45.2	30.66	8.00	23.90	5.37
50.1	50.3	30.71	7.98	23.94	5.94*
60.1	60.3	30.79	7.96	24.00	4.54
70.1	70.4	31.22	7.82	24.36	6.59
80.0	80.4	31.54	7.71	24.63	6.40
90.1	90.6	31.71	7.66	24.77	6.97*
100.0	100.6	31.65	7.67	24.72	+
110.2	110.8	31.73	7.66	24.78	4.94*
120.2	120.9	31.77	7.66	24.82	3.62*
130.1	130.8	31.78	7.66	24.83	1.64*
140.1	140.9	31.78	7.66	24.83	1.16*
150.0	150.8	31.80	7.66	24.84	4.85
160.1	161.0	31.88	7.63	24.90	4.11*
170.0	170.9	31.93	7.62	24.94	4.08*
180.1	181.1	32.03	7.59	25.03	3.96*
190.0	191.1	32.33	7.49	25.28	8.28*
200.0	201.2	32.36	7.48	25.30	+
210.0	211.3	32.48	7.45	25.40	4.25*
220.1	221.4	32.49	7.44	25.41	1.11*

MAX DEPTH 223.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 28.74

DATE 3/ 5/76

TIME (PST) 1444

TAPE CZ0/78/ 6- 47

LONG W123 11.86

PASS NO. 57

STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.91	9.50	23.09	22.10
2.0	2.0	29.98	8.50	23.30	10.39
5.0	5.0	29.99	8.39	23.32	9.23
10.1	10.1	30.10	8.30	23.42	6.06*
15.0	15.1	30.12	8.27	23.44	2.08*
20.1	20.2	30.15	8.26	23.46	2.95*
25.0	25.2	30.16	8.26	23.47	3.29*
30.1	30.2	30.19	8.24	23.50	2.32*
35.1	35.3	30.19	8.25	23.50	1.32*
40.0	40.2	30.20	8.24	23.51	9.32
45.1	45.2	30.28	8.19	23.58	5.60*
50.1	50.3	30.29	8.19	23.58	2.94*
60.1	60.4	30.32	8.16	23.61	11.72
70.1	70.5	30.96	7.92	24.14	7.37
80.0	80.4	30.99	7.91	24.17	4.09
90.1	90.6	31.05	7.90	24.22	1.65*
100.1	100.5	31.06	7.89	24.23	3.77
110.0	110.6	31.24	7.85	24.38	5.80
120.1	120.7	31.40	7.80	24.50	6.77*
130.0	130.7	31.57	7.74	24.65	1.64*

MAX DEPTH 132.9

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 28.25

DATE 3/ 5/76

TIME (PST) 1456

TAPE CZ0/78/ 6- 48

LONG W123 13.23

PASS NO. 59

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.79	8.56	23.14	58.94*
2.0	2.0	29.80	8.55	23.15	43.66*
5.0	5.0	29.81	8.54	23.16	20.73*
10.1	10.1	29.85	8.50	23.20	6.17
15.1	15.1	30.08	8.33	23.40	8.91
20.0	20.1	30.21	8.24	23.51	8.22*
25.1	25.2	30.24	8.21	23.54	5.71
30.0	30.2	30.44	8.12	23.71	13.52
35.1	35.2	30.62	8.04	23.86	6.20*
40.1	40.3	30.69	8.02	23.92	4.36*
45.0	45.2	30.72	8.01	23.95	2.91*
50.1	50.3	30.73	8.01	23.95	1.89*
60.0	60.3	30.71	8.02	23.94	+
70.0	70.3	30.77	8.00	23.98	5.91
80.0	80.4	31.06	7.92	24.22	10.14

MAX DEPTH 89.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 27.78

DATE 3/ 5/76

TIME (PST) 1508

TAPE CZ0/78/ 6- 49

LONG W123 14.72

PASS NO. 61

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.12	8.54	23.40	5.52*
2.1	2.1	30.15	8.51	23.43	5.76*
5.1	5.1	30.15	8.50	23.43	6.13*
10.0	10.1	30.25	8.41	23.52	5.99*
15.0	15.1	30.30	8.36	23.57	5.32*
20.0	20.1	30.33	8.35	23.59	4.69*
25.0	25.1	30.30	8.37	23.57	4.10*
30.0	30.2	30.34	8.33	23.61	13.52
35.0	35.2	30.34	8.33	23.60	+

MAX DEPTH 38.0

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 27.78

DATE 3/ 5/76

TIME (PST) 1535

TAPE CZ0/78/ 6- 50

LONG W123 14.72

PASS NO. 63

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.19	8.51	23.46	6.12
2.0	2.0	30.24	8.48	23.50	11.16
5.1	5.1	30.36	8.41	23.61	7.19
10.0	10.1	30.34	8.42	23.59	6.81*
15.1	15.1	30.41	8.38	23.65	9.88
20.1	20.2	30.86	8.15	24.03	10.51*
25.1	25.2	30.86	8.14	24.04	4.43*
30.0	30.2	30.88	8.13	24.05	9.94
35.0	35.2	30.86	8.15	24.04	+

MAX DEPTH 39.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 28.25
 DATE 3/ 5/76
 TIME (PST) 1543

TAPE CZ0/78/ 6- 51
 LONG W123 13.23
 PASS NO. 65
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.24	8.54	23.49	12.67*
2.0	2.0	30.27	8.27	23.56	9.98*
5.0	5.0	30.27	8.27	23.56	5.93*
10.1	10.1	30.28	8.27	23.56	3.12*
15.1	15.1	30.35	8.19	23.63	3.02*
20.1	20.2	30.37	8.17	23.65	6.40
25.0	25.2	30.43	8.12	23.71	8.49*
30.1	30.2	30.50	8.09	23.77	5.07*
35.0	35.2	30.52	8.08	23.78	3.37*
40.0	40.2	30.52	8.08	23.78	1.89*
45.1	45.3	30.53	8.07	23.79	1.34*
50.1	50.3	30.54	8.07	23.79	1.53
60.1	60.3	30.55	8.06	23.81	2.85*
70.1	70.4	30.59	8.05	23.84	1.97*
80.1	80.4	30.61	8.05	23.85	6.02*
90.1	90.5	30.79	7.99	24.00	7.98*

MAX DEPTH 98.8

CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 28.74
 DATE 3/ 5/76
 TIME (PST) 1553

TAPE CZ0/78/ 6- 52
 LONG W123 11.86
 PASS NO. 67
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.79	8.99	23.08	50.40
2.0	2.0	29.86	8.66	23.18	20.93
5.1	5.1	29.92	8.48	23.25	9.61
10.1	10.1	29.93	8.45	23.27	2.89*
15.0	15.1	29.93	8.45	23.27	1.64*
20.1	20.1	29.94	8.44	23.27	1.95*
25.1	25.2	29.94	8.44	23.28	7.21
30.1	30.2	30.04	8.41	23.36	8.52*
35.0	35.1	30.14	8.33	23.45	7.52*
40.2	40.3	30.16	8.32	23.46	8.69*
45.1	45.3	30.26	8.24	23.55	10.69
50.0	50.2	30.62	8.07	23.86	11.49
60.0	60.3	30.72	8.04	23.94	2.78*
70.1	70.4	30.76	8.01	23.98	4.70
80.0	80.4	30.79	8.00	24.00	8.20
90.0	90.5	31.07	7.91	24.23	+
100.1	100.5	31.05	7.92	24.21	6.56*
110.1	110.6	31.33	7.81	24.45	9.50
120.0	120.7	31.57	7.74	24.65	6.69
130.2	130.8	31.70	7.69	24.75	5.09
140.0	140.8	31.77	7.68	24.81	+

MAX DEPTH 142.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 29.24

DATE 3/ 5/76

TIME (PST) 1604

TAPE CZ0/78/ 6- 53

LONG W123 10.40

PASS NO. 69

STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.92	8.46	23.26	47.19
2.0	2.1	29.92	8.34	23.27	24.07
5.0	5.0	30.05	8.20	23.40	8.17
10.1	10.2	30.29	8.10	23.60	9.85
15.1	15.1	30.36	8.07	23.66	4.43*
20.1	20.2	30.37	8.07	23.66	2.83*
25.0	25.1	30.37	8.07	23.66	2.82*
30.0	30.1	30.39	8.07	23.68	8.00
35.2	35.3	30.56	8.03	23.82	10.43
40.0	40.2	30.60	8.01	23.85	6.13*
45.0	45.2	30.65	7.98	23.90	5.80
50.0	50.3	30.72	7.97	23.95	7.51
60.1	60.4	30.88	7.93	24.08	9.50*
70.1	70.4	31.28	7.80	24.41	9.34*
80.1	80.5	31.27	7.81	24.40	+
90.0	90.5	31.27	7.81	24.40	+
100.2	100.7	31.35	7.79	24.47	8.57*
110.1	110.6	31.36	7.78	24.48	4.47
120.2	120.8	31.40	7.77	24.51	3.68*
130.1	130.8	31.50	7.73	24.59	5.13*
140.2	140.9	31.56	7.71	24.64	5.75*
150.1	150.9	31.77	7.68	24.81	7.95
160.1	161.0	31.98	7.60	24.99	5.64
170.2	171.1	32.00	7.60	25.00	+
180.1	181.1	31.99	7.60	25.00	1.24*
190.0	191.1	32.03	7.59	25.03	2.97*
200.1	201.2	32.06	7.57	25.06	4.71
210.1	211.3	32.17	7.55	25.15	+
220.0	221.3	32.40	7.47	25.33	+
230.1	231.5	32.44	7.46	25.36	+

MAX DEPTH 235.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 29.75
 DATE 3/ 5/76
 TIME (PST) 1618

TAPE C20/78/ 6- 54
 LONG W123 8.86
 PASS NO. 71
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.78	8.10	23.98	5.12*
2.1	2.1	30.79	8.08	23.99	4.67*
5.0	5.1	30.78	8.09	23.98	3.99*
10.0	10.1	30.78	8.09	23.98	+
15.0	15.1	30.81	8.07	24.01	1.75*
20.2	20.2	30.80	8.08	24.00	1.50*
25.0	25.1	30.81	8.09	24.00	1.85*
30.0	30.2	30.83	8.10	24.02	3.18
35.1	35.2	30.85	8.10	24.03	4.65*
40.1	40.3	30.87	8.09	24.05	5.54
45.1	45.3	30.94	8.04	24.11	8.15
50.1	50.3	30.90	8.06	24.08	13.87
60.1	60.3	31.28	7.87	24.41	+
70.0	70.4	31.42	7.79	24.52	6.94
80.1	80.5	31.39	7.80	24.50	+
90.1	90.5	31.38	7.80	24.49	+
100.1	100.7	31.45	7.76	24.55	3.64*
110.0	110.6	31.46	7.76	24.56	3.02*
120.1	120.7	31.54	7.72	24.63	7.47
130.2	130.8	31.63	7.70	24.70	3.88*
140.1	140.8	31.71	7.68	24.76	4.67*
150.1	150.9	31.72	7.67	24.78	2.78*
160.0	160.9	31.75	7.66	24.80	1.41*
170.2	171.1	31.76	7.67	24.80	3.36*
180.1	181.1	31.76	7.67	24.81	2.31*
190.1	191.1	31.76	7.67	24.80	+
200.1	201.2	31.74	7.69	24.79	+
210.1	211.3	31.77	7.68	24.81	1.77*
220.0	221.2	31.74	7.69	24.79	+
230.0	231.3	31.76	7.69	24.80	5.17
240.0	241.3	31.80	7.68	24.83	4.28
250.0	251.4	31.85	7.67	24.87	6.16*
260.1	261.5	31.95	7.63	24.96	5.81*
270.1	271.6	32.14	7.58	25.11	6.39*
280.0	281.7	32.40	7.51	25.33	8.89
290.1	291.8	32.50	7.44	25.41	+
300.1	301.9	32.62	7.40	25.51	+

MAX DEPTH 309.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HARO STRAIT 1976

LAT N48 29.75

DATE 3/ 5/76

TIME (PST) 1654

TAPE CZ0/78/ 6- 55

LONG W123 8.86

PASS NO. 73

STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.64	8.07	23.88	57.51*
2.1	2.1	30.65	8.07	23.88	41.58*
5.1	5.1	30.65	8.08	23.88	17.68*
10.1	10.1	30.66	8.09	23.88	2.17*
15.1	15.1	30.67	8.09	23.89	3.42*
20.1	20.2	30.71	8.05	23.93	4.77
25.0	25.1	30.73	8.02	23.95	4.11*
30.1	30.2	30.72	8.01	23.95	1.49
35.1	35.2	30.75	8.00	23.97	4.03
40.1	40.3	30.76	8.00	23.98	3.52*
45.0	45.2	30.79	7.98	24.00	3.44*
50.1	50.4	30.83	7.96	24.03	3.50*
60.0	60.3	30.84	7.97	24.04	4.10*
70.1	70.4	30.89	7.95	24.08	4.32*
80.1	80.4	30.95	7.92	24.14	5.26*
90.0	90.5	31.00	7.90	24.18	3.98*
100.0	100.5	31.06	7.88	24.23	4.17*
110.0	110.5	31.09	7.87	24.25	2.53*
120.1	120.7	31.11	7.87	24.27	2.05*
130.2	130.8	31.12	7.87	24.28	2.08*
140.1	140.7	31.15	7.86	24.30	2.22*
150.0	150.8	31.15	7.87	24.30	1.92*
160.1	160.9	31.17	7.86	24.32	2.77*
170.1	171.0	31.20	7.86	24.34	3.00*
180.2	181.0	31.21	7.86	24.35	+
190.1	191.0	31.20	7.87	24.34	+
200.1	201.1	31.19	7.87	24.33	+
210.1	211.1	31.19	7.87	24.33	+
220.1	221.2	31.26	7.87	24.39	+
230.1	231.3	31.31	7.85	24.43	+
240.1	241.3	31.32	7.85	24.44	+
250.1	251.3	31.29	7.86	24.42	1.01*
260.1	261.4	31.32	7.84	24.44	3.95
270.1	271.4	31.41	7.80	24.52	6.75
280.1	281.6	31.91	7.65	24.93	7.66
290.1	291.7	32.00	7.62	25.00	+
300.0	301.8	32.31	7.51	25.26	+
310.1	311.9	32.35	7.50	25.29	+

MAX DEPTH 318.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 3/ 5/76
 TIME (PST) 1715

TAPE CZ0/78/ 6- 56
 LONG W123 10.40
 PASS NO. 75
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.94	8.56	23.26	4.90
2.0	2.0	29.95	8.41	23.29	12.71
5.1	5.1	30.26	8.14	23.57	11.60
10.0	10.1	30.31	8.10	23.61	6.42*
15.1	15.2	30.45	8.06	23.72	4.87*
20.0	20.1	30.54	8.03	23.80	4.22*
25.1	25.2	30.57	8.01	23.83	6.91
30.2	30.4	30.61	8.01	23.86	4.14
35.1	35.3	30.61	8.01	23.86	3.91*
40.1	40.3	30.61	8.01	23.86	+
45.0	45.2	30.61	8.01	23.86	3.57*
50.1	50.3	30.62	8.01	23.87	4.00*
60.2	60.4	30.76	7.98	23.98	6.93
70.1	70.4	30.93	7.94	24.12	1.84*
80.1	80.5	30.95	7.95	24.14	3.89*
90.1	90.5	31.01	7.93	24.18	3.10
100.1	100.6	31.06	7.90	24.23	4.95*
110.0	110.6	31.24	7.84	24.38	7.12
120.1	120.7	31.32	7.83	24.44	2.28
130.0	130.7	31.40	7.81	24.51	6.74*
140.2	140.9	31.56	7.76	24.64	8.58*
150.1	150.9	31.56	7.75	24.64	+
160.1	161.0	31.59	7.74	24.67	2.07*
170.0	170.9	31.60	7.74	24.67	4.91
180.1	181.0	31.70	7.71	24.75	4.69
190.0	191.1	31.79	7.68	24.83	7.13*
200.0	201.1	31.91	7.64	24.93	+
210.1	211.3	32.02	7.60	25.02	+
220.1	221.4	32.18	7.55	25.15	+
230.0	231.3	32.29	7.51	25.25	+
240.1	241.5	32.38	7.48	25.32	+

MAX DEPTH 244.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 28.74

DATE 3/ 5/76

TIME (PST) 1730

TAPE CZ0/78/ 6- 57

LONG W123 11.86

PASS NO. 77

STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.82	8.86	23.12	11.63
2.0	2.0	29.90	8.59	23.22	12.09
5.0	5.1	30.05	8.41	23.37	7.41
10.1	10.1	30.08	8.39	23.39	4.76*
15.1	15.1	30.08	8.38	23.39	4.59*
20.0	20.1	30.12	8.36	23.43	7.12*
25.0	25.1	30.30	8.22	23.59	8.71
30.2	30.3	30.26	8.26	23.55	8.79
35.0	35.2	30.24	8.27	23.53	+
40.1	40.2	30.30	8.23	23.59	8.14*
45.1	45.3	30.25	8.27	23.54	3.96*
50.1	50.3	30.40	8.14	23.68	5.36
60.0	60.3	30.44	8.13	23.71	1.76*
70.1	70.4	30.49	8.14	23.74	5.40
80.0	80.4	30.58	8.13	23.81	4.17*
90.0	90.4	30.66	8.11	23.88	9.81
100.0	100.5	31.02	8.01	24.18	6.08
110.1	110.6	31.28	7.89	24.40	9.62
120.1	120.7	31.53	7.77	24.61	5.34*
130.0	130.7	31.54	7.78	24.62	3.96*

MAX DEPTH 139.1

CRUISE NO. 1 HAKO STRAIT 1976

LAT N48 28.25

DATE 3/ 5/76

TIME (PST) 1741

TAPE CZ0/78/ 6- 58

LONG W123 13.23

PASS NO. 79

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.96	8.60	23.27	13.64
2.1	2.1	30.16	8.38	23.46	15.24
5.1	5.1	30.36	8.17	23.64	4.96
10.0	10.1	30.37	8.17	23.65	4.32*
15.1	15.1	30.40	8.15	23.68	5.90*
20.0	20.1	30.46	8.14	23.72	8.06*
25.1	25.2	30.62	8.07	23.86	7.09*
30.1	30.2	30.63	8.06	23.87	5.32*
35.0	35.2	30.69	8.04	23.92	6.84*
40.2	40.3	30.91	8.01	24.09	9.27*
45.0	45.2	30.97	8.00	24.15	6.14
50.1	50.3	30.99	8.00	24.16	3.80*
60.1	60.3	31.00	8.00	24.17	5.47
70.1	70.4	31.06	7.99	24.21	3.86

MAX DEPTH 79.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 HARO STRAIT 1976
 LAT N48 27.78
 DATE 3/ 5/76
 TIME (PST) 1750

TAPE CZ0/78/ 6- 59
 LONG W123 14.72
 PASS NO. 81
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.89	8.57	23.22	19.92
2.2	2.2	29.98	8.48	23.30	10.80
5.2	5.2	30.04	8.46	23.35	5.78*
10.0	10.1	30.12	8.46	23.41	5.19
15.0	15.1	30.12	8.47	23.41	5.80
20.1	20.1	30.17	8.47	23.45	6.11
25.0	25.1	30.21	8.44	23.49	6.95*
30.1	30.2	30.31	8.42	23.57	13.05
35.0	35.2	30.75	8.22	23.94	15.95
MAX DEPTH	39.3				

CRUISE No. 2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 43.22
 DATE 9/ 6/76
 TIME (PST) 0913

TAPE CZ0/78/ 6- 60
 LONG W123 16.48
 PASS NO. 1
 STN: LINE 4-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.77	9.21	22.25	74.11
2.0	2.1	28.87	9.06	22.35	32.27
5.1	5.1	28.97	8.96	22.45	8.79
10.0	10.0	29.04	8.92	22.50	6.02*
15.2	15.2	29.11	8.89	22.57	6.94*
20.1	20.2	29.14	8.89	22.58	8.98*
25.1	25.2	29.44	8.72	22.84	9.86
30.1	30.2	29.48	8.70	22.88	10.41
35.1	35.2	29.28	8.81	22.71	+
40.1	40.2	29.42	8.72	22.83	9.00*
45.1	45.2	29.54	8.62	22.94	6.42*
50.1	50.3	29.54	8.63	22.94	5.85*
60.0	60.2	29.66	8.59	23.04	7.55*
70.0	70.3	29.75	8.55	23.11	5.42*
80.0	80.3	29.85	8.50	23.20	5.48*
90.0	90.4	29.98	8.46	23.30	6.13
100.1	100.5	30.03	8.48	23.34	4.48*
110.1	110.5	30.25	8.45	23.51	7.31
120.1	120.6	30.69	8.37	23.87	4.11
130.1	130.6	30.63	8.39	23.82	+
140.1	140.7	30.64	8.39	23.83	3.10
150.0	150.7	30.69	8.37	23.87	

MAX DEPTH 151.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 43.55
 DATE 9/ 6/76
 TIME (PST) 0928

TAPE C20/78/ 6- 61
 LONG W123 15.55
 PASS NO. 3
 STN: LINE 4-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	σ-t
.0	.0	27.89	9.89	21.46	66.84
2.1	2.1	27.93	9.84	21.50	34.88
5.0	5.0	28.32	9.35	21.88	19.84
10.2	10.2	28.64	9.13	22.16	11.51
15.1	15.1	28.93	8.99	22.41	11.62
20.1	20.2	29.15	8.95	22.58	8.60*
25.0	25.1	29.22	8.94	22.64	5.37*
30.0	30.1	29.23	8.94	22.65	4.40
35.1	35.2	29.26	8.94	22.67	5.90*
40.0	40.2	29.34	8.93	22.74	6.07
45.0	45.2	29.37	8.92	22.76	5.56
50.1	50.2	29.45	8.88	22.83	8.80*
60.1	60.3	30.07	8.59	23.36	4.85
70.1	70.4	30.11	8.58	23.39	2.27*
80.0	80.3	30.11	8.58	23.39	3.88*
90.0	90.4	30.21	8.51	23.48	5.46
100.0	100.5	30.38	8.46	23.62	7.98*
110.1	110.5	30.59	8.39	23.79	5.01*
120.0	120.6	30.67	8.37	23.85	4.19*
130.1	130.7	30.71	8.37	23.89	4.77*
140.1	140.7	30.89	8.33	24.03	6.02
150.0	150.7	30.94	8.31	24.07	3.36*
160.0	160.8	30.99	8.29	24.12	4.38*
170.1	170.9	31.07	8.26	24.18	4.55
180.1	180.9	31.17	8.23	24.27	1.86*
190.1	191.1	31.19	8.22	24.28	4.36

MAX DEPTH 198.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 43.93
 DATE 9/ 6/76
 TIME (PST) 0946

TAPE CZ0/78/ 6- 62
 LONG W123 14.55
 PASS NO. 5
 STN: LINE 4-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.37	9.43	21.91	19.66
2.0	2.1	28.76	9.14	22.26	20.21
5.1	5.1	29.13	8.99	22.56	16.31
10.1	10.2	29.38	8.89	22.77	10.20*
15.0	15.1	29.50	8.83	22.88	9.36
20.1	20.2	29.60	8.80	22.96	4.96
25.0	25.1	29.64	8.78	22.99	4.83
30.1	30.2	29.68	8.77	23.02	6.23*
35.1	35.2	29.80	8.71	23.12	6.40*
40.1	40.3	29.79	8.71	23.12	6.23*
45.0	45.2	29.80	8.71	23.12	+
50.1	50.3	29.85	8.68	23.17	5.88*
60.2	60.4	29.91	8.62	23.23	4.20*
70.1	70.3	29.93	8.62	23.24	3.50*
80.0	80.3	29.99	8.63	23.29	5.81
90.1	90.4	30.10	8.60	23.37	7.75
100.0	100.4	30.23	8.56	23.48	+

MAX DEPTH 102.1

CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 41.77
 DATE 9/ 6/76
 TIME (PST) 1009

TAPE CZ0/78/ 6- 63
 LONG W123 16.96
 PASS NO. 7
 STN: LINE 3-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.80	9.37	22.25	8.92
2.0	2.1	28.81	9.33	22.27	7.02
5.1	5.1	28.88	9.24	22.33	5.48
10.0	10.1	28.96	9.15	22.41	8.05*
15.0	15.1	29.03	9.12	22.47	9.37*
20.1	20.2	29.19	8.99	22.61	5.79
25.0	25.1	29.20	9.00	22.62	4.71*
30.0	30.1	29.27	9.00	22.67	5.76
35.1	35.2	29.51	8.87	22.88	9.13
40.1	40.3	29.61	8.77	22.97	8.60*
45.0	45.2	29.68	8.70	23.03	4.92*
50.1	50.3	29.71	8.67	23.06	4.18*
60.1	60.3	29.73	8.64	23.08	5.54
70.1	70.4	29.79	8.58	23.14	4.64*

MAX DEPTH 77.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 41.61
 DATE 9/ 6/76
 TIME (PST) 1019

TAPE CZ0/78/ 6- 64
 LONG W123 15.96
 PASS NO. 9
 STN: LINE 3-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.22	9.56	21.77	18.58
2.0	2.0	28.76	9.53	22.20	9.41
5.0	5.0	28.77	9.52	22.20	5.03*
10.0	10.0	28.78	9.52	22.21	6.61*
15.1	15.1	28.95	9.33	22.37	9.73*
20.1	20.2	29.16	9.17	22.56	11.24
25.1	25.2	29.39	9.03	22.76	4.75
30.1	30.2	29.41	9.01	22.78	3.09*
35.1	35.2	29.41	9.01	22.78	4.50
40.2	40.3	29.44	8.99	22.81	6.29
45.1	45.3	29.50	8.96	22.86	7.75*
50.2	50.3	29.73	8.90	23.04	8.13
60.1	60.3	29.92	8.72	23.22	9.00*
70.1	70.4	29.92	8.72	23.22	1.44*
80.0	80.3	29.93	8.70	23.23	4.21
90.1	90.5	29.91	8.72	23.21	+
100.1	100.5	30.08	8.56	23.36	4.18*
110.1	110.6	30.22	8.48	23.49	8.51*
120.1	120.6	30.35	8.46	23.59	7.06
130.1	130.6	30.45	8.42	23.68	+
140.1	140.7	30.52	8.40	23.73	5.29
150.1	150.8	30.60	8.38	23.80	4.57*
160.1	160.8	30.70	8.37	23.88	5.36
170.1	170.9	30.91	8.34	24.05	7.17
180.1	180.9	31.10	8.27	24.21	9.13
190.0	191.0	31.40	8.17	24.45	3.07*
200.1	201.1	31.42	8.16	24.47	4.69
210.0	211.1	31.51	8.13	24.55	3.94*
220.0	221.1	31.53	8.13	24.56	

MAX DEPTH 222.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 41.46
 DATE 9/ 6/76
 TIME (PST) 1039

TAPE CZ0/78/ 6- 65
 LONG W123 14.77
 PASS NO. 11
 STN: LINE 3-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.23	9.16	22.61	4.87*
2.0	2.1	29.24	9.12	22.63	4.63*
5.1	5.1	29.25	9.10	22.64	4.26*
10.1	10.1	29.28	9.07	22.67	5.29
15.1	15.1	29.31	9.06	22.69	5.75*
20.1	20.2	29.34	9.05	22.72	5.33
25.1	25.2	29.43	9.03	22.79	12.39
30.1	30.2	29.44	9.00	22.81	7.76*
35.1	35.2	29.58	8.93	22.93	7.24*
40.2	40.3	29.62	8.91	22.96	7.81*
45.0	45.2	29.77	8.85	23.08	5.56
50.1	50.2	29.87	8.81	23.16	8.77
60.2	60.4	30.31	8.65	23.53	9.75*
70.0	70.3	30.40	8.59	23.62	1.80*
80.1	80.4	30.41	8.59	23.62	+
90.0	90.4	30.35	8.61	23.57	.55*
100.1	100.5	30.39	8.59	23.60	4.57*
110.1	110.5	30.44	8.55	23.65	2.58
120.2	120.7	30.46	8.54	23.66	6.44*
130.1	130.7	30.68	8.43	23.85	8.09*
140.1	140.7	30.75	8.43	23.91	+
150.1	150.8	30.94	8.35	24.07	4.01*
160.0	160.8	31.09	8.31	24.19	12.20*
170.1	170.9	31.10	8.31	24.20	13.24
180.0	180.9	31.36	8.20	24.42	3.86*
190.0	191.0	31.43	8.17	24.48	3.07*
200.1	201.1	31.50	8.14	24.54	5.74
210.0	211.1	31.61	8.10	24.63	5.42*
220.1	221.2	31.61	8.10	24.63	3.58
230.1	231.3	31.61	8.10	24.63	2.48*
240.1	241.4	31.63	8.09	24.65	+
250.0	251.3	31.72	8.06	24.72	6.45*
260.1	261.5	31.74	8.05	24.74	2.58*
270.0	271.5	31.75	8.04	24.74	2.21
280.0	281.5	31.77	8.04	24.76	1.65*
290.2	291.7	31.74	8.05	24.74	2.62
300.0	301.6	31.79	8.03	24.78	+
310.1	311.8	31.83	8.02	24.81	2.77*
320.1	321.8	31.84	8.02	24.82	

MAX DEPTH 327.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 46.86
 DATE 11/ 6/76
 TIME (PST) 0929

TAPE C20/78/ 6- 66
 LONG W123 2.50
 PASS NO. 1
 STN: LINE 5-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.16	8.77	22.62	11.19
2.0	2.0	29.60	8.58	22.99	7.06
5.0	5.1	29.74	8.65	23.09	15.30
10.0	10.1	29.78	8.66	23.12	5.25*
15.0	15.1	29.81	8.65	23.14	3.58*
20.1	20.2	29.86	8.64	23.19	4.18*
25.0	25.1	29.87	8.64	23.19	5.87
30.1	30.2	29.94	8.62	23.25	4.10*
35.1	35.3	29.94	8.62	23.25	1.70*
40.0	40.2	29.92	8.64	23.23	2.44*
45.0	45.2	29.93	8.63	23.24	2.68*
50.0	50.2	29.95	8.62	23.26	2.13*
60.0	60.3	30.03	8.61	23.32	2.51*
70.1	70.3	30.10	8.59	23.38	9.76*
80.1	80.4	30.06	8.59	23.35	+
90.1	90.4	30.17	8.52	23.44	8.59
100.1	100.5	30.26	8.47	23.52	2.44*
110.0	110.5	30.27	8.44	23.53	2.76
120.0	120.5	30.27	8.45	23.53	+
130.1	130.7	30.30	8.48	23.55	1.83*
140.0	140.6	30.30	8.48	23.55	2.23*
150.0	150.6	30.36	8.47	23.60	6.94
160.0	160.7	30.34	8.48	23.58	+

MAX DEPTH 165.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 46.04
 DATE 11/ 6/76
 TIME (PST) 0942

TAPE CZ0/78/ 6- 67
 LONG W123 1.80
 PASS NO. 3
 STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.12	8.85	22.58	.68*
2.0	2.1	29.12	8.85	22.58	.98*
5.1	5.2	29.13	8.85	22.58	2.47*
10.1	10.2	29.16	8.84	22.61	4.25*
15.0	15.1	29.18	8.82	22.62	6.04*
20.2	20.2	29.40	8.70	22.82	11.50
25.0	25.1	29.94	8.49	23.27	15.70
30.0	30.2	30.19	8.43	23.47	10.71*
35.1	35.2	30.15	8.43	23.44	8.70*
40.0	40.2	30.13	8.44	23.42	7.50*
45.1	45.3	30.22	8.43	23.50	7.94*
50.1	50.3	30.15	8.44	23.44	8.81*
60.0	60.3	30.42	8.40	23.65	4.00*
70.0	70.3	30.42	8.41	23.66	2.49*
80.1	80.4	30.42	8.41	23.66	+
90.1	90.5	30.43	8.41	23.66	1.33*
100.1	100.6	30.42	8.41	23.65	+
110.1	110.6	30.43	8.41	23.66	.93*
120.0	120.5	30.42	8.41	23.66	1.38*
130.0	130.6	30.42	8.41	23.66	+
140.1	140.7	30.40	8.41	23.64	+
150.0	150.7	30.41	8.41	23.65	3.09*
160.1	160.8	30.44	8.41	23.67	2.93*
170.1	170.8	30.44	8.41	23.67	6.28*
180.1	180.8	30.56	8.40	23.77	5.96*
190.1	190.9	30.65	8.38	23.83	4.48*
200.1	200.9	30.64	8.38	23.83	+
210.1	211.0	30.68	8.38	23.86	2.46*
220.0	221.0	30.67	8.38	23.85	

MAX DEPTH 221.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 44.88
 DATE 11/ 6/76
 TIME (PST) 0959

TAPE CZ0/78/ 6- 68
 LONG W123 .76
 PASS NO. 5
 STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.91	9.88	21.48	38.05
2.0	2.0	28.66	9.29	22.16	28.23
5.0	5.0	29.19	8.99	22.61	6.75
10.0	10.0	29.36	8.93	22.75	8.68
15.0	15.1	29.48	8.86	22.86	7.29
20.1	20.2	29.67	8.75	23.02	10.39
25.1	25.2	29.81	8.67	23.14	9.92
30.1	30.2	29.86	8.65	23.18	4.37*
35.1	35.2	29.86	8.65	23.18	2.88
40.1	40.2	29.88	8.65	23.20	4.74
45.0	45.2	29.90	8.65	23.21	3.22*
50.1	50.2	29.90	8.65	23.21	3.52
60.0	60.3	30.01	8.59	23.31	3.08*
70.1	70.4	30.04	8.58	23.33	3.41*
80.1	80.4	30.16	8.52	23.43	10.46
90.0	90.4	30.24	8.49	23.50	+
MAX DEPTH	91.1				

CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 43.22
 DATE 11/ 6/76
 TIME (PST) 1013

TAPE CZ0/78/ 6- 69
 LONG W122 59.27
 PASS NO. 7
 STN: LINE 5-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.79	8.76	23.11	5.25
2.1	2.1	29.80	8.76	23.12	4.46
5.1	5.1	29.81	8.74	23.13	4.48*
10.0	10.1	29.83	8.73	23.14	5.39*
15.1	15.1	29.89	8.69	23.20	5.41*
20.0	20.1	29.88	8.69	23.19	+
25.1	25.2	29.88	8.69	23.19	5.45*
30.1	30.2	29.99	8.64	23.28	5.16*
35.1	35.2	29.99	8.64	23.28	3.59*
40.1	40.3	30.00	8.63	23.29	2.34*
45.1	45.2	30.00	8.63	23.29	2.47*
50.0	50.2	29.99	8.64	23.29	2.54*
60.0	60.3	29.99	8.64	23.29	2.50
70.1	70.4	30.00	8.64	23.29	1.12*
80.0	80.3	30.01	8.63	23.30	2.94*
90.1	90.4	30.04	8.61	23.33	4.28
100.1	100.5	30.05	8.61	23.34	+
110.1	110.5	30.10	8.58	23.38	1.64*
120.0	120.5	30.11	8.57	23.39	8.26
MAX DEPTH	125.0				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 42.21
 DATE 11/ 6/76
 TIME (PST) 1025

TAPE CZ0/78/ 6- 70
 LONG W122 58.36
 PASS NO. 9
 STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.98	8.64	23.28	.46*
2.0	2.0	29.99	8.63	23.29	.41*
5.1	5.1	29.99	8.63	23.28	1.02*
10.1	10.1	29.99	8.63	23.29	1.58*
15.1	15.1	29.98	8.63	23.28	2.14*
20.1	20.2	30.02	8.61	23.31	2.72*
25.1	25.2	30.04	8.60	23.33	3.29*
30.0	30.2	30.07	8.59	23.35	4.60
35.0	35.2	30.09	8.58	23.37	4.23*
40.0	40.2	30.09	8.58	23.37	+
45.2	45.3	30.09	8.58	23.37	2.06*
50.1	50.3	30.08	8.58	23.37	1.42*
60.1	60.3	30.09	8.58	23.37	3.67*
70.1	70.4	30.15	8.55	23.42	1.87*
80.1	80.4	30.15	8.55	23.42	+
90.1	90.4	30.14	8.56	23.42	2.19*
100.0	100.4	30.16	8.55	23.43	2.39*
110.1	110.5	30.16	8.55	23.43	+
120.0	120.5	30.17	8.55	23.44	+
130.1	130.6	30.18	8.55	23.44	1.78*
140.1	140.7	30.17	8.55	23.44	+
150.1	150.7	30.18	8.55	23.45	2.25*
160.1	160.7	30.19	8.54	23.45	6.24

MAX DEPTH 169.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 35.33
 DATE 11/ 6/76
 TIME (PST) 1122

TAPE CZ0/78/ 6- 71
 LONG W123 12.95
 PASS NO. 11
 STN: LINE 2-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.87	9.03	23.14	5.12
2.0	2.0	29.89	8.99	23.16	4.76
5.1	5.1	29.90	8.97	23.17	4.10*
10.1	10.1	29.92	8.95	23.18	3.76
15.1	15.2	30.00	8.88	23.26	7.52
20.1	20.2	30.07	8.84	23.32	7.04*
25.2	25.3	30.11	8.81	23.35	7.85
30.0	30.1	30.28	8.72	23.50	13.17
35.0	35.2	30.53	8.62	23.71	12.11
40.0	40.2	30.48	8.64	23.67	4.77*
45.1	45.3	30.51	8.63	23.69	4.31
50.1	50.3	30.52	8.64	23.70	5.75*
60.1	60.4	30.59	8.63	23.76	4.13*
70.2	70.5	30.59	8.64	23.75	3.46*
80.1	80.4	30.63	8.63	23.78	4.32*
90.1	90.5	30.74	8.59	23.88	9.86
100.0	100.5	30.84	8.53	23.96	2.97*
110.0	110.5	30.82	8.56	23.94	3.31*
120.0	120.5	30.86	8.54	23.98	3.40
130.0	130.6	30.80	8.56	23.93	+
140.0	140.7	31.03	8.44	24.13	3.17*
150.1	150.8	31.03	8.44	24.12	+
160.1	160.8	31.08	8.42	24.17	5.37
170.2	171.0	31.08	8.41	24.17	+
180.0	180.9	31.13	8.38	24.21	9.82
190.1	191.0	31.33	8.28	24.39	+
200.1	201.1	31.21	8.32	24.29	+
210.1	211.2	31.66	8.11	24.67	8.43
220.1	221.3	31.72	8.07	24.72	2.80*
230.1	231.3	31.74	8.06	24.74	1.66*
240.1	241.3	31.76	8.06	24.75	.87*
250.2	251.5	31.76	8.06	24.75	6.45*

MAX DEPTH 259.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 35.37
 DATE 11/ 6/76
 TIME (PST) 1141

TAPE CZ0/78/ 6- 72
 LONG W123 14.09
 PASS NO. 13
 STN: LINE 2-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.59	9.37	22.87	33.01
2.1	2.1	29.94	9.05	23.19	15.73
5.1	5.1	29.99	8.98	23.23	4.63
10.0	10.1	30.01	8.96	23.26	3.04*
15.1	15.1	30.02	8.94	23.27	4.48
20.1	20.1	30.11	8.84	23.35	7.86
25.1	25.2	30.19	8.77	23.42	4.79
30.2	30.3	30.22	8.75	23.45	4.62
35.1	35.2	30.20	8.76	23.43	+
40.0	40.2	30.22	8.76	23.44	6.45*
45.0	45.2	30.38	8.66	23.59	8.21
50.2	50.4	30.42	8.64	23.62	7.62
60.1	60.3	30.46	8.63	23.65	+
70.1	70.4	30.53	8.60	23.72	6.52
80.0	80.4	30.66	8.55	23.82	4.11
90.2	90.6	30.70	8.54	23.86	3.39*
100.0	100.5	30.76	8.52	23.91	4.40*
110.2	110.7	30.80	8.53	23.94	3.88*
120.1	120.6	30.80	8.54	23.93	+
130.1	130.6	30.81	8.53	23.94	4.30*
140.1	140.7	30.91	8.50	24.02	4.07
150.1	150.8	30.95	8.48	24.06	2.48*
160.1	160.9	30.99	8.45	24.09	6.10
170.1	170.9	31.36	8.26	24.41	8.11
180.0	180.9	31.47	8.19	24.50	6.70
190.0	191.0	31.66	8.10	24.67	5.41*
200.1	201.1	31.69	8.09	24.69	2.97*
210.0	211.1	31.69	8.09	24.69	+
220.1	221.3	31.71	8.08	24.71	3.72
230.1	231.3	31.71	8.08	24.71	+

MAX DEPTH 235.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 35.40
 DATE 11/ 6/76
 TIME (PST) 1154

TAPE CZ0/78/ 6- 73
 LONG W123 15.00
 PASS NO. 15
 STN: LINE 2-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.84	9.12	23.10	4.61*
2.0	2.1	29.84	9.11	23.10	4.67*
5.1	5.1	29.84	9.11	23.10	4.77*
10.0	10.0	29.90	9.06	23.15	7.16
15.0	15.1	30.02	8.97	23.26	6.36
20.1	20.2	30.08	8.92	23.31	5.88*
25.0	25.1	30.11	8.92	23.34	4.43*
30.1	30.2	30.15	8.90	23.37	4.74*
35.0	35.2	30.19	8.87	23.41	5.76
40.1	40.2	30.29	8.81	23.49	6.75*
45.0	45.2	30.33	8.79	23.53	2.91*
50.0	50.2	30.33	8.79	23.53	2.39*
60.1	60.4	30.34	8.78	23.54	5.05
70.1	70.4	30.56	8.66	23.73	7.59
80.1	80.4	30.67	8.59	23.82	3.65*
90.0	90.4	30.71	8.56	23.86	3.33*
100.1	100.6	30.76	8.54	23.90	4.95*
110.2	110.7	30.92	8.48	24.04	7.60*
120.2	120.7	31.21	8.31	24.28	5.06*
130.2	130.9	31.34	8.25	24.40	7.55
140.2	140.9	31.44	8.20	24.48	2.94
150.1	150.8	31.46	8.19	24.50	2.35*
160.1	160.9	31.47	8.19	24.51	1.52*
170.1	170.9	31.46	8.19	24.50	
180.2	181.1	31.45	8.19	24.49	+
190.0	191.0	31.46	8.19	24.50	+

MAX DEPTH 192.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 27.36
 DATE 14/ 6/76
 TIME (PST) 0924

TAPE CZ0/78/ 6- 74
 LONG W123 15.61
 PASS NO. 1
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.98	9.41	23.16	11.13
2.0	2.1	30.05	9.25	23.24	9.48
5.1	5.1	30.17	9.08	23.36	11.06
10.1	10.1	30.18	9.06	23.37	7.28*
15.1	15.1	30.37	8.96	23.53	8.03
20.0	20.1	30.48	8.86	23.64	6.68
25.1	25.2	30.63	8.75	23.77	5.75
30.1	30.2	30.81	8.65	23.92	6.45
35.0	35.2	30.95	8.56	24.05	10.41
MAX DEPTH 39.1					

CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 27.78
 DATE 14/ 6/76
 TIME (PST) 0931

TAPE CZ0/78/ 6- 75
 LONG W123 14.72
 PASS NO. 3
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	21.02	9.51	16.19	71.60
2.0	2.0	29.97	9.46	23.15	34.35
5.1	5.1	30.15	9.10	23.34	11.00
10.1	10.1	30.34	8.94	23.51	14.05
15.1	15.1	30.61	8.75	23.75	9.54*
20.0	20.1	30.84	8.62	23.95	10.26*
25.0	25.2	30.99	8.56	24.08	6.61*
30.1	30.2	31.01	8.55	24.10	6.45
35.0	35.2	31.04	8.53	24.12	
MAX DEPTH 37.9					

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HAKO STRAIT 1976

LAT N48 28.02

DATE 14/ 6/76

TIME (PST) 0948

TAPE CZ0/78/ 6- 76

LONG W123 13.86

PASS NO. 5

STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.33	9.09	23.48	19.34
2.0	2.1	30.45	8.90	23.60	11.31
5.1	5.1	30.47	8.87	23.63	7.26
10.1	10.1	30.54	8.83	23.69	6.65*
15.1	15.1	30.61	8.77	23.75	5.95*
20.1	20.2	30.63	8.76	23.76	5.24*
25.1	25.3	30.68	8.72	23.81	10.35
30.1	30.2	30.88	8.61	23.99	6.36
35.1	35.3	30.89	8.60	24.00	
40.1	40.3	30.97	8.57	24.06	

MAX DEPTH 40.7

CRUISE NO. 2 HAKO STRAIT 1976

LAT N48 28.25

DATE 14/ 6/76

TIME (PST) 0956

TAPE CZ0/78/ 6- 77

LONG W123 13.23

PASS NO. 7

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.58	8.82	23.72	10.56
2.1	2.1	30.60	8.76	23.74	6.93
5.0	5.0	30.63	8.70	23.77	5.57
10.0	10.0	30.69	8.65	23.83	4.73
15.0	15.1	30.82	8.59	23.94	6.92
20.0	20.1	30.84	8.58	23.96	2.76*
25.0	25.2	30.84	8.58	23.96	2.74*
30.1	30.2	30.86	8.58	23.97	3.75*
35.1	35.3	30.91	8.57	24.02	2.71*
40.0	40.2	30.93	8.57	24.03	1.06*
45.1	45.3	30.93	8.57	24.03	1.07*
50.1	50.4	30.93	8.57	24.03	1.52*
60.1	60.4	30.94	8.56	24.04	1.60*
70.1	70.4	30.94	8.56	24.04	
80.0	80.4	30.95	8.57	24.05	+

MAX DEPTH 83.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HARO STRAIT 1976

LAT N48 28.48

DATE 14/ 6/76

TIME (PST) 1009

TAPE CZ0/78/ 6- 78

LONG W123 12.43

PASS NO. 9

STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.61	8.86	23.73	3.98
2.0	2.1	30.61	8.77	23.75	7.29
5.1	5.1	30.69	8.65	23.83	5.83
10.1	10.1	30.72	8.62	23.86	4.80*
15.0	15.1	30.76	8.60	23.89	4.43*
20.2	20.3	30.78	8.59	23.90	4.22*
25.0	25.2	30.79	8.58	23.92	3.62*
30.1	30.3	30.89	8.55	24.00	2.90*
35.0	35.2	30.87	8.56	23.99	3.19*
40.0	40.2	30.94	8.54	24.04	3.75*
45.0	45.2	30.98	8.53	24.07	3.75*
50.1	50.4	31.01	8.53	24.10	3.58*
60.1	60.4	31.04	8.52	24.12	2.11*
70.1	70.4	31.07	8.51	24.15	3.03*
80.0	80.4	31.06	8.51	24.14	.71*
90.1	90.5	31.08	8.52	24.15	4.72*
100.0	100.5	31.08	8.52	24.15	+
110.1	110.6	31.09	8.51	24.16	4.59
120.0	120.6	31.14	8.49	24.20	4.45
130.0	130.7	31.21	8.46	24.27	
140.0	140.7	31.27	8.42	24.31	

MAX DEPTH 141.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.74
 DATE 14/ 6/76
 TIME (PST) 1022

TAPE C20/78/ 6- 79
 LONG W123 11.86
 PASS NO. 11
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	21.23	8.90	16.43	92.24
2.0	2.1	30.41	8.81	23.59	34.58
5.1	5.2	30.43	8.79	23.61	5.48*
10.2	10.2	30.52	8.74	23.69	6.63*
15.2	15.2	30.56	8.72	23.72	7.95*
20.0	20.1	30.77	8.60	23.90	8.45*
25.2	25.3	30.80	8.58	23.92	5.54*
30.2	30.3	30.82	8.57	23.94	4.20
35.0	35.2	30.87	8.55	23.98	10.42
40.1	40.3	30.85	8.56	23.97	6.77*
45.1	45.3	30.93	8.53	24.04	6.47
50.1	50.3	30.96	8.52	24.06	7.37
60.2	60.5	30.98	8.51	24.08	+
70.2	70.5	31.13	8.49	24.20	7.23
80.1	80.4	31.18	8.44	24.24	+
90.2	90.6	31.19	8.44	24.25	2.01*
100.0	100.5	31.22	8.43	24.27	4.11
110.0	110.6	31.21	8.43	24.27	2.98*
120.1	120.6	31.24	8.42	24.29	5.76
130.0	130.7	31.32	8.38	24.36	

MAX DEPTH 132.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HARO STRAIT 1976

LAT N48 28.95

DATE 14/ 6/76

TIME (PST) 1036

TAPE C20/78/ 6- 80

LONG W123 11.04

PASS NO. 13

STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.23	9.13	23.40	6.59
2.0	2.1	30.28	8.97	23.46	12.09
5.2	5.2	30.49	8.71	23.66	9.35
10.1	10.1	30.55	8.68	23.72	6.42*
15.0	15.1	30.62	8.64	23.78	5.57
20.0	20.1	30.72	8.60	23.86	8.85
25.0	25.2	30.84	8.56	23.96	5.47
30.1	30.2	30.94	8.55	24.04	8.54
35.0	35.2	30.99	8.54	24.08	4.48*
40.1	40.3	31.02	8.54	24.10	2.68*
45.2	45.4	31.02	8.53	24.10	2.46*
50.1	50.4	31.04	8.52	24.12	1.84*
60.2	60.5	31.04	8.52	24.12	3.94
70.0	70.4	31.08	8.50	24.15	2.43*
80.1	80.5	31.15	8.45	24.22	5.81*
90.1	90.6	31.20	8.41	24.27	4.54*
100.0	100.5	31.22	8.40	24.28	2.52*
110.0	110.6	31.25	8.39	24.31	2.54*
120.0	120.6	31.28	8.37	24.33	5.87
130.1	130.7	31.31	8.36	24.36	2.59*
140.1	140.8	31.35	8.34	24.39	4.10*
150.0	150.8	31.45	8.29	24.47	5.47*
160.1	160.9	31.54	8.23	24.56	4.69*
170.1	171.0	31.58	8.22	24.59	4.18*
180.1	181.0	31.64	8.19	24.64	6.03
190.1	191.1	31.93	8.02	24.89	10.28*
200.0	201.1	32.02	7.95	24.97	3.75*

MAX DEPTH 209.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 29.24
 DATE 14/ 6/76
 TIME (PST) 1048

TAPE CZ0/78/ 6- 81
 LONG W123 10.40
 PASS NO. 15
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.18	9.19	23.35	+
2.0	2.1	30.20	9.09	23.38	9.16
5.1	5.1	30.34	8.84	23.53	10.96
10.0	10.1	30.46	8.73	23.64	9.00
15.1	15.1	30.57	8.66	23.73	7.58
20.2	20.3	30.66	8.62	23.81	4.47
25.0	25.2	30.70	8.61	23.84	3.91*
30.1	30.2	30.72	8.60	23.86	7.41
35.1	35.3	30.85	8.55	23.97	5.18
40.1	40.2	30.93	8.54	24.03	8.92
45.0	45.2	31.04	8.53	24.12	5.68*
50.1	50.4	31.05	8.52	24.13	3.05
60.1	60.4	31.11	8.48	24.18	4.44*
70.0	70.4	31.23	8.40	24.29	8.94*
80.1	80.5	31.25	8.39	24.30	1.65*
90.1	90.5	31.25	8.40	24.30	1.31*
100.1	100.6	31.27	8.39	24.32	1.63*
110.1	110.6	31.26	8.39	24.32	+
120.1	120.7	31.27	8.39	24.32	+
130.0	130.7	31.31	8.38	24.35	1.10*
140.1	140.8	31.31	8.38	24.36	3.73
150.0	150.8	31.36	8.36	24.40	4.54*
160.2	161.0	31.46	8.30	24.48	4.96*
170.1	171.0	31.54	8.24	24.55	5.03*
180.0	180.9	31.62	8.19	24.62	4.74*
190.0	191.0	31.87	8.07	24.83	9.26
200.0	201.1	31.97	7.99	24.93	+

MAX DEPTH 201.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 29.46
 DATE 14/ 6/76
 TIME (PST) 1102

TAPE CZ0/78/ 6- 82
 LONG W123 9.50
 PASS NO. 17
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.08	9.30	23.26	9.78
2.0	2.1	30.10	9.23	23.28	14.65
5.1	5.1	30.34	8.84	23.53	11.35
10.0	10.1	30.51	8.70	23.68	5.71
15.0	15.1	30.67	8.62	23.82	11.27
20.0	20.1	30.84	8.56	23.96	7.74
25.0	25.1	30.88	8.54	24.00	5.24*
30.1	30.2	30.92	8.53	24.03	5.64
35.0	35.2	30.97	8.52	24.07	8.23
40.0	40.2	31.09	8.49	24.17	5.98
45.1	45.3	31.16	8.46	24.22	6.26*
50.1	50.3	31.18	8.45	24.24	3.18*
60.1	60.4	31.20	8.43	24.26	4.27
70.1	70.4	31.35	8.34	24.39	4.07*
80.1	80.5	31.38	8.33	24.41	2.85*
90.1	90.5	31.38	8.33	24.42	+
100.1	100.6	31.44	8.30	24.47	4.71*
110.1	110.6	31.51	8.26	24.53	4.85*
120.0	120.6	31.60	8.22	24.60	3.79*
130.1	130.8	31.63	8.19	24.63	5.43*
140.1	140.8	31.78	8.11	24.76	5.47*
150.1	150.9	31.86	8.05	24.83	4.82
160.1	161.0	31.87	8.05	24.83	+
170.1	171.0	31.92	8.02	24.88	2.42*
180.0	181.0	31.91	8.02	24.87	2.97
190.1	191.1	31.97	7.99	24.93	4.10*
200.1	201.2	32.00	7.97	24.95	3.91
210.1	211.2	32.10	7.91	25.04	4.63*
220.2	221.4	32.20	7.85	25.13	5.51*
230.1	231.4	32.25	7.82	25.17	3.05*
240.1	241.5	32.25	7.82	25.17	1.54*
250.1	251.5	32.26	7.80	25.18	4.63
260.1	261.6	32.28	7.80	25.19	

MAX DEPTH 263.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 14/ 6/76
 TIME (PST) 1120

TAPE CZ0/78/ 6- 83
 LONG W123 8.86
 PASS NO. 19
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.65	8.73	23.79	6.96*
2.0	2.1	30.58	8.85	23.71	2.06*
5.1	5.1	30.65	8.71	23.79	5.19*
10.0	10.1	30.66	8.69	23.80	3.41*
15.1	15.1	30.67	8.68	23.81	1.63*
20.2	20.2	30.68	8.67	23.82	2.84*
25.2	25.3	30.68	8.67	23.82	+
30.2	30.3	30.68	8.67	23.82	5.45*
35.1	35.2	30.77	8.60	23.90	6.75*
40.2	40.4	30.83	8.57	23.95	6.45*
45.0	45.2	30.90	8.53	24.01	6.09*
50.0	50.3	30.93	8.51	24.04	4.38*
60.2	60.5	30.97	8.50	24.07	5.01
70.0	70.4	31.37	8.31	24.41	7.40
80.2	80.6	31.45	8.27	24.48	4.35
90.0	90.5	31.57	8.22	24.58	5.39
100.1	100.6	31.58	8.21	24.59	+
110.0	110.6	31.62	8.19	24.62	3.82
120.1	120.7	31.62	8.19	24.62	+
130.1	130.8	31.64	8.18	24.64	2.14*
140.1	140.9	31.64	8.18	24.64	1.82*
150.1	150.9	31.67	8.17	24.67	2.30*
160.1	160.9	31.73	8.13	24.72	5.37*
170.0	170.9	31.75	8.12	24.74	+
180.1	181.1	31.83	8.08	24.80	6.79
190.1	191.2	31.98	7.98	24.93	7.75*
200.0	201.1	32.15	7.87	25.08	4.17*
210.1	211.3	32.21	7.84	25.13	5.09
220.2	221.4	32.24	7.82	25.16	3.03*
230.2	231.5	32.24	7.82	25.16	3.02
240.1	241.4	32.26	7.81	25.18	1.47*
250.0	251.4	32.27	7.81	25.19	2.51*
260.0	261.5	32.30	7.79	25.21	2.66*
270.2	271.7	32.31	7.79	25.22	1.00*
280.1	281.7	32.31	7.79	25.22	.87
290.0	291.7	32.30	7.79	25.21	+
300.1	301.8	32.32	7.78	25.23	2.42*
310.1	311.9	32.32	7.78	25.23	

MAX DEPTH 317.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HARO STRAIT 1976

LAT N48 27.36

DATE 17/ 6/76

TIME (PST) 0518

TAPE CZ0/78/ 6- 84

LONG W123 15.61

PASS NO. 1

STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.27	9.14	23.43	6.59
2.0	2.0	30.27	9.16	23.42	2.95*
5.1	5.1	30.34	9.13	23.48	7.36
10.0	10.0	30.48	8.99	23.61	8.14
15.0	15.1	30.55	8.91	23.68	7.29*
20.1	20.2	30.64	8.82	23.76	5.52
25.1	25.2	30.70	8.78	23.82	4.15*
30.1	30.2	30.72	8.77	23.84	4.04
35.1	35.3	30.74	8.75	23.86	+
40.1	40.2	30.76	8.74	23.87	+

MAX DEPTH 42.5

CRUISE NO. 2 HARO STRAIT 1976

LAT N48 27.78

DATE 17/ 6/76

TIME (PST) 0539

TAPE CZ0/78/ 6- 85

LONG W123 14.72

PASS NO. 3

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	20.80	9.09	16.08	88.04
2.0	2.0	30.26	9.10	23.43	38.05
5.1	5.1	30.40	9.03	23.54	8.90
10.0	10.1	30.68	8.81	23.80	13.92*
15.0	15.1	30.68	8.82	23.80	1.89*
20.1	20.1	30.69	8.83	23.80	2.14*
25.0	25.1	30.70	8.83	23.81	2.54*
30.1	30.2	30.72	8.84	23.83	3.48
35.0	35.2	30.75	8.84	23.85	+

MAX DEPTH 39.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.02
 DATE 17/ 6/76
 TIME (PST) 0547

TAPE CZ0/78/ 6- 86
 LONG W123 13.86
 PASS NO. 5
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.59	8.78	23.73	9.28*
2.0	2.0	30.64	8.77	23.77	7.81*
5.1	5.1	30.65	8.76	23.78	5.61*
10.0	10.1	30.68	8.76	23.81	4.01*
15.1	15.2	30.71	8.75	23.83	3.90*
20.1	20.2	30.76	8.74	23.87	3.65*
25.0	25.1	30.76	8.74	23.87	3.31*
30.1	30.2	30.79	8.74	23.89	3.88
35.1	35.2	30.81	8.74	23.91	+
40.1	40.2	30.79	8.74	23.90	+

MAX DEPTH 40.6

CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.25
 DATE 17/ 6/76
 TIME (PST) 0554

TAPE CZ0/78/ 6- 87
 LONG W123 13.23
 PASS NO. 7
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.60	8.79	23.74	6.59*
2.0	2.1	30.62	8.78	23.76	5.48*
5.1	5.1	30.63	8.77	23.77	3.81*
10.1	10.1	30.64	8.76	23.78	5.69
15.1	15.1	30.72	8.73	23.84	6.86*
20.0	20.1	30.72	8.73	23.84	2.69*
25.0	25.2	30.75	8.72	23.87	2.18*
30.0	30.2	30.75	8.72	23.87	1.97*
35.1	35.3	30.76	8.72	23.87	3.10*
40.1	40.2	30.82	8.70	23.92	3.86*
45.2	45.4	30.82	8.71	23.92	3.06*
50.1	50.3	30.83	8.71	23.93	2.28*
60.1	60.3	30.84	8.71	23.94	1.12*
70.0	70.4	30.85	8.71	23.94	2.68
80.2	80.6	30.90	8.71	23.98	3.89*
90.1	90.5	30.91	8.70	23.99	

MAX DEPTH 95.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HAKO STRAIL 1976

LAT N48 28.48

DATE 17/ 6/76

TIME (PST) 0603

TAPE CZ0/78/ 6- 88

LONG W123 12.43

PASS NO. 9

STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.55	8.80	23.70	12.63
2.0	2.0	30.60	8.78	23.74	7.08
5.2	5.2	30.63	8.76	23.77	7.39
10.1	10.1	30.74	8.72	23.86	8.22*
15.0	15.1	30.79	8.73	23.90	4.62*
20.1	20.2	30.82	8.72	23.92	3.60*
25.1	25.2	30.84	8.72	23.94	2.64*
30.1	30.2	30.85	8.72	23.95	2.46*
35.1	35.2	30.86	8.72	23.95	2.30*
40.1	40.3	30.87	8.71	23.96	3.30*
45.0	45.2	30.94	8.71	24.01	4.33*
50.1	50.3	30.96	8.71	24.03	3.93*
60.1	60.4	30.96	8.71	24.03	+
70.1	70.4	30.98	8.71	24.04	2.35*
80.1	80.5	31.00	8.70	24.06	6.29
90.1	90.5	31.09	8.62	24.15	4.98*
100.1	100.6	31.14	8.57	24.19	+
110.1	110.6	31.25	8.50	24.29	5.10
120.1	120.6	31.31	8.47	24.34	+
130.1	130.7	31.39	8.43	24.41	1.80*

MAX DEPTH 139.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.74
 DATE 17/ 6/76
 TIME (PST) 0612

TAPE CZ0/78/ 6- 89
 LONG W123 11.86
 PASS NO. 11
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.41	8.82	23.59	17.47
2.0	2.0	30.57	8.78	23.71	9.56
5.0	5.0	30.60	8.76	23.75	7.41
10.1	10.1	30.72	8.72	23.85	8.48
15.0	15.1	30.85	8.73	23.95	4.46
20.1	20.2	30.86	8.73	23.95	2.64*
25.1	25.2	30.87	8.73	23.96	3.54
30.1	30.2	30.89	8.73	23.98	3.79*
35.1	35.3	30.91	8.72	23.99	3.78*
40.1	40.2	30.92	8.72	24.00	4.91*
45.0	45.2	30.99	8.69	24.06	6.43
50.1	50.3	31.05	8.66	24.11	6.83
60.1	60.4	31.09	8.65	24.14	2.43*
70.1	70.4	31.12	8.64	24.17	3.55*
80.1	80.5	31.15	8.61	24.20	3.06*
90.0	90.4	31.19	8.58	24.23	1.54*
100.1	100.6	31.18	8.57	24.23	+
110.0	110.5	31.21	8.55	24.25	+
120.0	120.6	31.35	8.47	24.37	+
130.1	130.7	31.62	8.27	24.61	6.03
140.1	140.8	31.66	8.24	24.65	+

MAX DEPTH 141.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.95
 DATE 17/ 6/76
 TIME (PST) 0622

TAPE CZ0/78/ 6- 90
 LONG W123 11.04
 PASS NO. 13
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.25	8.86	23.46	24.27
2.1	2.1	30.53	8.79	23.68	14.54
5.0	5.0	30.71	8.71	23.84	12.47
10.0	10.1	30.86	8.72	23.95	6.36
15.1	15.1	30.89	8.72	23.98	3.02*
20.1	20.2	30.90	8.72	23.98	2.85*
25.1	25.2	30.93	8.71	24.01	4.45*
30.1	30.2	30.98	8.69	24.05	4.67*
35.1	35.3	30.99	8.69	24.06	3.88*
40.0	40.2	31.02	8.68	24.08	5.36
45.2	45.4	31.09	8.65	24.14	6.99
50.0	50.3	31.14	8.61	24.19	7.25
60.0	60.3	31.17	8.58	24.21	+
70.1	70.4	31.19	8.53	24.24	2.21*
80.1	80.5	31.20	8.52	24.24	2.13*
90.0	90.5	31.22	8.52	24.26	2.38*
100.0	100.5	31.24	8.50	24.28	2.51*
110.1	110.7	31.26	8.49	24.30	3.34*
120.1	120.7	31.36	8.44	24.38	7.97
130.1	130.7	31.49	8.34	24.50	5.08*
140.0	140.8	31.56	8.31	24.56	2.96*
150.2	150.9	31.55	8.32	24.55	+
160.1	160.9	31.56	8.32	24.56	+
170.0	170.9	31.58	8.31	24.57	+
180.1	181.0	31.59	8.31	24.58	2.57*
190.1	191.1	31.63	8.28	24.61	5.80*
200.0	201.1	31.80	8.16	24.77	7.55

MAX DEPTH 209.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 29.24
 DATE 17/ 6/76
 TIME (PST) 0634

TAPE CZ0/78/ 5-127
 LONG W123 10.40
 PASS NO. 15
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.65	8.74	23.79	3.75
2.1	2.1	30.67	8.71	23.81	2.16*
5.0	5.0	30.70	8.70	23.83	5.49
10.1	10.2	30.78	8.71	23.89	7.23
15.0	15.1	30.89	8.71	23.98	7.23
20.1	20.2	30.92	8.72	24.00	2.95*
25.0	25.1	30.92	8.72	24.00	3.64
30.1	30.3	30.95	8.70	24.03	4.49*
35.0	35.2	30.97	8.68	24.04	4.94*
40.0	40.2	31.02	8.68	24.08	4.39*
45.1	45.3	31.05	8.67	24.11	3.83*
50.1	50.4	31.07	8.64	24.13	3.37*
60.1	60.4	31.13	8.59	24.18	4.19
70.0	70.4	31.18	8.55	24.23	3.62*
80.1	80.5	31.21	8.53	24.25	4.03
90.0	90.4	31.25	8.51	24.29	3.75
100.0	100.5	31.35	8.45	24.38	3.94*
110.1	110.6	31.36	8.45	24.38	2.16*
120.0	120.6	31.38	8.44	24.40	2.61*
130.1	130.8	31.38	8.45	24.40	+
140.1	140.8	31.44	8.41	24.45	10.43
150.1	150.9	31.57	8.32	24.57	5.34
160.1	160.9	31.66	8.25	24.65	3.75*
170.0	170.9	31.75	8.20	24.72	5.17*
180.2	181.2	31.81	8.16	24.77	3.97*
190.2	191.2	31.81	8.16	24.78	6.27
200.2	201.3	31.92	8.09	24.87	3.57*
210.1	211.2	31.95	8.07	24.90	5.36
220.1	221.3	32.14	7.94	25.07	

MAX DEPTH 223.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 29.46
 DATE 17/ 6/76
 TIME (PST) 0644

TAPE CZ078/ 5-128
 LONG W123 9.50
 PASS NO. 17
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	30.69	8.78	23.81	4.37
2.0	2.0	30.77	8.73	23.88	9.51
5.0	5.0	30.92	8.69	24.01	5.45
10.1	10.1	30.94	8.69	24.02	1.59*
15.0	15.1	30.94	8.69	24.02	1.36*
20.1	20.2	30.95	8.69	24.02	2.02*
25.0	25.2	30.96	8.70	24.03	1.85*
30.2	30.3	30.96	8.70	24.03	1.46*
35.0	35.2	30.96	8.70	24.03	6.33
40.0	40.2	31.04	8.66	24.10	6.58*
45.0	45.2	31.07	8.63	24.13	4.46*
50.1	50.3	31.09	8.63	24.14	5.01*
60.2	60.4	31.20	8.55	24.24	7.58
70.0	70.4	31.23	8.52	24.27	.49*
80.1	80.4	31.24	8.52	24.28	2.64
90.0	90.4	31.36	8.45	24.38	3.73*
100.1	100.5	31.38	8.44	24.40	2.73*
110.1	110.6	31.41	8.42	24.43	4.02*
120.1	120.7	31.46	8.38	24.47	3.43*
130.1	130.8	31.48	8.37	24.49	3.81*
140.0	140.8	31.54	8.33	24.54	6.55
150.1	150.9	31.61	8.29	24.60	2.66*
160.0	160.9	31.60	8.29	24.59	2.64
170.1	171.0	31.74	8.20	24.72	5.96*
180.1	181.0	31.81	8.16	24.77	2.71*
190.3	191.3	31.81	8.16	24.77	6.52
200.1	201.2	31.88	8.12	24.84	3.96*
210.1	211.2	31.89	8.11	24.85	5.53
220.1	221.4	32.20	7.91	25.12	8.47*
230.0	231.4	32.31	7.84	25.21	4.04*
240.0	241.4	32.33	7.83	25.23	2.39*
250.1	251.5	32.34	7.82	25.24	2.57*
260.1	261.6	32.36	7.81	25.25	3.67*
270.1	271.6	32.35	7.82	25.24	+
280.1	281.8	32.43	7.77	25.31	

MAX DEPTH 287.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 17/ 6/76
 TIME (PST) 0656

TAPE CZ0/78/ 5-129
 LONG W123 8.86
 PASS NO. 19
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.84	8.76	23.93	13.53
2.0	2.0	30.92	8.69	24.00	9.74
5.0	5.0	30.99	8.66	24.06	6.28
10.1	10.1	30.99	8.67	24.06	2.75*
15.2	15.2	31.00	8.67	24.07	2.24*
20.1	20.2	31.00	8.67	24.07	2.48*
25.1	25.2	31.02	8.66	24.09	4.03
30.1	30.3	31.05	8.64	24.12	4.31*
35.1	35.3	31.06	8.63	24.12	2.12*
40.1	40.3	31.06	8.63	24.12	2.77*
45.0	45.2	31.07	8.63	24.13	3.49*
50.0	50.2	31.10	8.60	24.16	3.77*
60.1	60.4	31.10	8.60	24.16	+
70.1	70.4	31.21	8.53	24.25	5.19
80.0	80.4	31.34	8.45	24.36	5.10*
90.1	90.5	31.41	8.41	24.42	3.76*
100.1	100.6	31.45	8.38	24.46	4.50*
110.1	110.6	31.47	8.37	24.48	2.70*
120.1	120.7	31.50	8.36	24.50	3.12*
130.1	130.8	31.54	8.34	24.54	6.61
140.1	140.8	31.58	8.30	24.58	2.55*
150.1	150.9	31.63	8.27	24.62	4.06
160.1	161.0	31.73	8.21	24.70	4.77*
170.1	171.0	31.74	8.20	24.72	1.92*
180.1	181.0	31.75	8.19	24.73	1.66*
190.0	191.0	31.77	8.18	24.74	1.56*
200.0	201.1	31.77	8.18	24.74	1.51*
210.1	211.3	31.78	8.18	24.75	1.42*
220.0	221.2	31.78	8.18	24.75	1.77*
230.0	231.3	31.84	8.15	24.80	2.23*
240.0	241.3	31.79	8.17	24.76	+
250.1	251.4	31.80	8.17	24.77	3.15*
260.1	261.5	31.85	8.14	24.81	4.99*
270.1	271.5	31.95	8.08	24.90	4.76*
280.1	281.6	31.96	8.07	24.91	4.46*
290.1	291.7	32.07	8.00	25.00	8.48
300.2	301.9	32.47	7.74	25.35	5.75*
310.0	311.8	32.48	7.74	25.36	4.20
320.0	321.9	32.49	7.73	25.37	

MAX DEPTH 321.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 27.36
 DATE 17/ 6/76
 TIME (PST) 0808

TAPE CZ0/78/ 5-130
 LONG W123 15.61
 PASS NO. 21
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.61	9.05	23.71	12.07
2.0	2.1	30.64	8.92	23.75	6.92
5.0	5.0	30.64	8.89	23.76	4.17
10.0	10.0	30.66	8.87	23.77	2.38*
15.0	15.1	30.67	8.88	23.78	4.08
20.0	20.1	30.69	8.88	23.79	5.07*
25.0	25.1	30.75	8.81	23.86	4.91
30.1	30.3	30.75	8.82	23.85	+
35.1	35.2	30.75	8.82	23.85	+
40.0	40.2	30.74	8.82	23.84	+
MAX DEPTH	42.5				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 27.78
 DATE 17/ 6/76
 TIME (PST) 0814

TAPE CZ0/78/ 5-131
 LONG W123 14.72
 PASS NO. 23
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.19	9.35	23.34	14.01
2.0	2.0	30.23	9.22	23.39	14.43
5.0	5.0	30.52	8.94	23.66	25.31
10.1	10.2	30.73	8.75	23.85	4.94*
15.1	15.2	30.77	8.73	23.88	3.59*
20.1	20.2	30.77	8.73	23.88	3.01*
25.1	25.2	30.77	8.73	23.88	+
30.1	30.2	30.77	8.73	23.88	1.89*
35.1	35.3	30.78	8.73	23.88	1.34*
40.0	40.2	30.77	8.73	23.88	2.77*

MAX DEPTH 42.4

CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.02
 DATE 17/ 6/76
 TIME (PST) 0819

TAPE CZ0/78/ 5-132
 LONG W123 13.86
 PASS NO. 25
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.15	9.84	23.22	22.01
2.1	2.1	30.39	9.06	23.53	16.88
5.1	5.1	30.58	8.85	23.72	7.99
10.0	10.1	30.69	8.75	23.82	7.23*
15.1	15.1	30.76	8.72	23.87	5.75
20.2	20.2	30.80	8.72	23.90	4.72*
25.0	25.2	30.86	8.71	23.95	4.07*
30.1	30.2	30.86	8.71	23.96	3.27*
35.1	35.3	30.89	8.69	23.98	2.11*
40.1	40.2	30.88	8.70	23.97	+

MAX DEPTH 40.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.25
 DATE 17/ 6/76
 TIME (PST) 0825

TAPE CZ0/78/ 5-133
 LONG W123 13.23
 PASS NO. 27

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	22.05	9.96	16.93	50.24
2.0	2.1	30.34	9.12	23.49	26.14
5.1	5.1	30.51	8.92	23.65	12.76
10.1	10.1	30.63	8.80	23.76	5.45
15.1	15.1	30.73	8.73	23.85	6.93
20.0	20.1	30.80	8.72	23.91	6.51*
25.0	25.2	30.89	8.73	23.97	4.75*
30.0	30.2	30.90	8.73	23.98	3.12*
35.1	35.2	30.91	8.72	23.99	2.35*
40.0	40.2	30.91	8.72	23.99	2.87*
45.1	45.3	30.93	8.70	24.01	3.15*
50.0	50.3	30.94	8.70	24.02	3.08*
60.1	60.4	30.99	8.67	24.06	2.81*
70.0	70.4	31.05	8.62	24.12	7.00*
80.1	80.5	31.09	8.58	24.15	2.79*
90.1	90.5	31.10	8.58	24.16	2.06*

MAX DEPTH 94.2

CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.48
 DATE 17/ 6/76
 TIME (PST) 0833

TAPE CZ0/78/ 5-134
 LONG W123 12.43
 PASS NO. 29

STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.21	9.73	23.29	23.90
2.0	2.1	30.44	9.01	23.58	14.48
5.0	5.0	30.48	8.95	23.62	9.28*
10.1	10.2	30.62	8.82	23.75	8.47*
15.0	15.1	30.75	8.73	23.87	6.71*
20.1	20.2	30.82	8.71	23.92	5.39
25.1	25.2	30.88	8.72	23.96	5.87
30.0	30.2	30.94	8.71	24.01	5.24*
35.1	35.2	30.96	8.70	24.03	2.27*
40.0	40.2	30.96	8.70	24.03	1.91*
45.2	45.4	30.97	8.70	24.04	1.56*
50.1	50.4	30.98	8.70	24.05	3.63*
60.2	60.4	31.08	8.63	24.13	4.60*
70.2	70.5	31.07	8.63	24.13	+
80.2	80.6	31.07	8.61	24.13	1.37*
90.2	90.6	31.08	8.59	24.14	1.94*
100.0	100.5	31.09	8.58	24.15	3.07*
110.2	110.7	31.14	8.56	24.20	4.64*
120.1	120.7	31.21	8.54	24.25	4.42*
130.0	130.6	31.27	8.52	24.30	6.98*
140.1	140.8	31.55	8.32	24.55	2.55*

MAX DEPTH 141.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 17/ 6/76
 TIME (PSI) 0841

TAPE CZ0/78/ 5-135
 LONG W123 11.86
 PASS NO. 31
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.18	9.60	23.29	32.44
2.0	2.0	30.45	8.99	23.59	17.07
5.1	5.1	30.54	8.87	23.68	13.13
10.1	10.1	30.66	8.72	23.80	6.67
15.1	15.2	30.75	8.68	23.88	7.45*
20.1	20.1	30.79	8.69	23.90	3.72*
25.1	25.2	30.80	8.71	23.91	5.02*
30.1	30.3	30.84	8.71	23.94	5.80*
35.2	35.4	30.97	8.70	24.04	4.34*
40.0	40.2	30.99	8.69	24.05	3.36
45.2	45.4	30.99	8.68	24.06	4.32
50.0	50.2	31.01	8.68	24.07	2.97*
60.1	60.3	31.03	8.67	24.09	2.86*
70.1	70.4	31.07	8.64	24.13	5.01*
80.0	80.4	31.14	8.61	24.19	5.36*
90.0	90.4	31.28	8.50	24.31	8.56
100.2	100.7	31.39	8.42	24.41	5.22*
110.1	110.7	31.53	8.33	24.54	8.41*
120.0	120.6	31.59	8.29	24.59	5.39
130.1	130.7	31.65	8.25	24.64	+

MAX DEPTH 130.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.95
 DATE 17/ 6/76
 TIME (PST) 0349

TAPE C20/78/ 5-136
 LONG W123 11.04
 PASS NO. 33
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.61	9.30	23.67	22.36
2.0	2.0	30.69	8.73	23.82	14.15
5.0	5.1	30.75	8.70	23.87	5.22
10.1	10.2	30.78	8.71	23.90	4.90*
15.1	15.2	30.83	8.72	23.93	5.56
20.1	20.2	30.94	8.71	24.01	7.65
25.1	25.2	30.99	8.69	24.06	4.03*
30.1	30.2	31.00	8.69	24.06	2.75
35.2	35.3	31.02	8.69	24.08	3.97*
40.0	40.2	31.05	8.69	24.10	3.77*
45.1	45.3	31.06	8.67	24.12	3.65*
50.0	50.3	31.10	8.64	24.15	3.72
60.2	60.4	31.12	8.62	24.17	2.53*
70.2	70.5	31.16	8.59	24.21	5.46
80.1	80.5	31.18	8.55	24.23	4.98
90.1	90.5	31.40	8.42	24.41	6.01
100.1	100.6	31.44	8.39	24.46	2.91*
110.1	110.6	31.47	8.38	24.48	4.64
120.0	120.7	31.56	8.33	24.55	3.54*
130.0	130.7	31.57	8.31	24.57	1.97*
140.1	140.8	31.60	8.30	24.59	2.49*
150.1	150.8	31.62	8.28	24.61	2.80*
160.2	161.0	31.64	8.27	24.63	2.65*
170.2	171.1	31.69	8.24	24.67	3.75
180.1	181.0	31.70	8.23	24.68	1.58*
190.1	191.1	31.72	8.22	24.70	2.65*
200.1	201.1	31.74	8.20	24.72	2.94*
210.1	211.2	31.78	8.18	24.75	+

MAX DEPTH 215.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 29.24
 DATE 17/ 6/76
 TIME (PST) 0859

TAPE CZ0/78/ 5-137
 LONG W123 10.40
 PASS NO. 35
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.64	9.10	23.72	19.13
2.0	2.0	30.71	8.75	23.83	10.54
5.0	5.0	30.80	8.72	23.91	12.57
10.1	10.2	30.90	8.71	23.98	4.68*
15.0	15.1	30.90	8.71	23.99	1.56*
20.1	20.1	30.91	8.71	23.99	2.05*
25.1	25.2	30.91	8.71	23.99	2.58*
30.1	30.3	30.91	8.71	23.99	+
35.0	35.2	30.91	8.72	23.99	3.65*
40.1	40.3	30.96	8.70	24.04	8.67
45.2	45.4	31.05	8.67	24.10	5.40*
50.1	50.3	31.08	8.64	24.13	3.77*
60.0	60.3	31.13	8.59	24.18	3.79*
70.1	70.4	31.14	8.58	24.19	2.22*
80.0	80.4	31.22	8.53	24.26	8.45
90.1	90.5	31.41	8.42	24.43	3.94*
100.1	100.6	31.43	8.41	24.44	2.37*
110.1	110.6	31.44	8.40	24.45	1.86*
120.1	120.7	31.45	8.40	24.46	1.73*
130.1	130.8	31.46	8.39	24.47	1.99*
140.1	140.8	31.47	8.38	24.48	2.48*
150.1	150.9	31.50	8.36	24.50	2.58*
160.0	160.8	31.57	8.32	24.56	4.88*
170.1	170.9	31.62	8.29	24.61	5.32
180.2	181.1	31.67	8.26	24.65	3.67
190.0	191.0	31.79	8.18	24.76	4.65*
200.1	201.1	31.87	8.13	24.82	4.21*
210.1	211.3	31.92	8.10	24.87	4.34

MAX DEPTH 219.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 29.46
 DATE 17/ 6/76
 TIME (PST) 0911

TAPE CZ0/78/ 5-138
 LONG W123 9.50
 PASS NO. 37
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.77	8.93	23.85	16.47
2.1	2.1	30.90	8.74	23.98	10.13
5.1	5.1	30.94	8.68	24.02	5.26*
10.2	10.2	30.94	8.68	24.02	2.10*
15.1	15.1	30.96	8.67	24.04	2.05*
20.1	20.1	30.97	8.68	24.04	2.08*
25.2	25.3	30.98	8.68	24.05	2.51*
30.1	30.2	31.00	8.68	24.07	2.74*
35.1	35.3	31.01	8.68	24.07	2.15*
40.0	40.2	31.01	8.68	24.08	1.79*
45.1	45.3	31.02	8.67	24.08	2.49*
50.0	50.2	31.03	8.65	24.10	3.18*
60.0	60.3	31.07	8.63	24.13	4.34
70.1	70.5	31.14	8.59	24.19	2.73*
80.0	80.4	31.17	8.58	24.21	5.68*
90.1	90.5	31.35	8.46	24.37	5.61
100.1	100.6	31.37	8.44	24.39	1.70*
110.2	110.7	31.38	8.45	24.40	1.16*
120.1	120.7	31.39	8.44	24.40	1.67*
130.1	130.7	31.39	8.44	24.41	1.89*
140.2	140.9	31.42	8.42	24.43	4.93
150.1	150.8	31.49	8.37	24.49	1.92*
160.1	160.9	31.52	8.35	24.52	4.51
170.1	171.0	31.62	8.29	24.61	4.73*
180.2	181.1	31.63	8.28	24.62	3.33*
190.1	191.1	31.71	8.23	24.69	4.93
200.2	201.3	31.82	8.16	24.78	6.77
210.1	211.3	32.08	7.99	25.01	4.55
220.1	221.3	32.15	7.95	25.07	4.26*
230.1	231.4	32.20	7.91	25.12	5.59*
240.2	241.6	32.20	7.91	25.12	2.76*
250.0	251.4	32.24	7.89	25.15	7.74
260.3	261.8	32.30	7.85	25.20	2.87*
270.1	271.7	32.34	7.82	25.24	3.31*
280.0	281.6	32.35	7.82	25.25	3.70
290.0	291.7	32.45	7.75	25.33	

MAX DEPTH 291.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HAKO STRAIT 1976

LAT N48 29.75

DATE 17/ 6/76

TIME (PST) 0923

TAPE CZ0/78/ 5-139

LONG W123 8.86

PASS NO. 39

STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.75	9.10	23.81	15.31
2.1	2.1	30.92	8.71	24.00	14.36
5.0	5.1	31.02	8.60	24.10	12.24*
10.2	10.3	31.02	8.59	24.09	+
15.0	15.1	31.02	8.60	24.10	3.82*
20.1	20.2	31.02	8.60	24.09	.45*
25.1	25.2	31.02	8.60	24.10	.48*
30.0	30.2	31.02	8.60	24.10	+
35.1	35.2	31.02	8.60	24.10	.54*
40.0	40.2	31.02	8.60	24.10	.77*
45.1	45.4	31.03	8.60	24.10	1.82*
50.0	50.3	31.04	8.60	24.11	2.86*
60.1	60.4	31.09	8.62	24.14	4.50*
70.1	70.4	31.13	8.58	24.18	3.55
80.1	80.5	31.22	8.54	24.26	4.37*
90.1	90.6	31.25	8.53	24.29	2.58*
100.1	100.6	31.28	8.52	24.31	3.51*
110.1	110.6	31.34	8.47	24.36	3.19*
120.1	120.7	31.34	8.46	24.37	3.19*
130.1	130.8	31.43	8.41	24.44	4.69*
140.2	140.9	31.49	8.37	24.49	3.35*
150.1	150.9	31.50	8.36	24.50	3.85*
160.1	160.9	31.57	8.32	24.57	3.84*
170.1	170.9	31.59	8.31	24.58	3.24*
180.0	181.0	31.65	8.27	24.64	3.69*
190.1	191.1	31.70	8.24	24.68	11.43
200.2	201.3	32.00	8.04	24.94	10.40
210.1	211.3	32.07	8.00	25.00	3.84
220.2	221.4	32.19	7.92	25.11	5.38*
230.1	231.5	32.31	7.84	25.22	4.92*
240.1	241.5	32.33	7.83	25.23	2.48*
250.2	251.6	32.34	7.82	25.24	2.14
260.1	261.6	32.33	7.83	25.23	+
270.0	271.6	32.32	7.84	25.22	+
280.1	281.7	32.39	7.79	25.28	4.68*
290.1	291.8	32.39	7.80	25.28	+
300.1	301.8	32.41	7.78	25.30	3.96
310.0	311.8	32.42	7.78	25.30	4.20
320.0	321.9	32.41	7.78	25.30	

MAX DEPTH 320.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 27.36
 DATE 17/ 6/76
 TIME (PST) 1036

TAPE CZ0/78/ 5-140
 LONG W123 15.61
 PASS NO. 41
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	30.07	10.30	23.09	37.65
2.0	2.1	30.25	9.24	23.40	17.97
5.1	5.1	30.30	9.17	23.45	6.05
10.0	10.0	30.46	9.12	23.58	10.29
15.1	15.1	30.60	8.94	23.71	11.20
20.1	20.2	30.67	8.84	23.79	4.92*
25.1	25.2	30.69	8.83	23.80	2.00*
30.1	30.2	30.69	8.81	23.81	1.90*
35.0	35.2	30.70	8.82	23.81	1.85*
40.1	40.2	30.70	8.81	23.82	+
MAX DEPTH	41.5				

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HARO STRAIT 1976

LAT N48 27.78

DATE 17/ 6/76

TIME (PST) 1042

TAPE CZO/78/ 5-141

LONG W123 14.72

PASS NO. 43

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.09	10.19	23.13	28.71
2.1	2.1	30.22	9.29	23.37	14.50
5.0	5.0	30.33	9.13	23.47	12.82
10.1	10.1	30.55	8.93	23.68	11.63
15.0	15.1	30.71	8.78	23.83	8.28
20.0	20.1	30.73	8.76	23.85	5.85*
25.0	25.2	30.81	8.72	23.91	3.89*
30.1	30.2	30.85	8.71	23.94	2.10*
35.0	35.2	30.85	8.70	23.94	1.85*
40.1	40.2	30.85	8.70	23.95	+

MAX DEPTH 40.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.02
 DATE 17/ 6/76
 TIME (PST) 1048

TAPE CZ0/78/ 5-142
 LONG W123 13.86
 PASS NO. 45
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-v
.0	.0	30.12	10.21	23.15	30.24
2.1	2.1	30.30	9.25	23.44	14.09
5.0	5.0	30.32	9.13	23.47	9.53
10.1	10.1	30.59	8.88	23.72	13.31*
15.0	15.1	30.61	8.85	23.74	6.63*
20.1	20.2	30.71	8.77	23.83	6.98*
25.1	25.2	30.79	8.70	23.90	7.44*
30.1	30.2	30.88	8.70	23.97	5.91*
35.0	35.2	30.93	8.69	24.01	4.36*
40.1	40.3	30.96	8.67	24.04	8.24
45.1	45.3	31.04	8.63	24.11	
50.0	50.2	31.05	8.62	24.11	

MAX DEPTH 51.0

CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.25
 DATE 17/ 6/76
 TIME (PST) 1053

TAPE CZ0/78/ 5-143
 LONG W123 13.23
 PASS NO. 47
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-v
.0	.0	30.23	9.71	23.31	29.11*
2.1	2.1	30.47	8.99	23.61	21.50*
5.1	5.1	30.48	8.97	23.62	10.09*
10.1	10.1	30.48	8.96	23.62	3.08
15.1	15.1	30.51	8.95	23.64	5.56
20.2	20.3	30.63	8.84	23.75	7.49
25.0	25.1	30.67	8.79	23.80	3.67*
30.1	30.2	30.68	8.79	23.80	4.10
35.1	35.3	30.78	8.73	23.88	9.27
40.1	40.2	30.88	8.69	23.97	6.08
45.1	45.3	30.97	8.68	24.04	5.56*
50.2	50.4	30.99	8.67	24.06	3.33
60.0	60.3	31.05	8.63	24.12	5.01*
70.1	70.4	31.13	8.58	24.18	5.17

MAX DEPTH 72.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.48
 DATE 17/ 6/76
 TIME (PST) 1100

TAPE CZ0/78/ 5-144
 LONG W123 12.43
 PASS NO. 49
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.54	9.92	23.51	13.24
2.0	2.1	30.43	9.28	23.53	3.76*
5.1	5.1	30.49	9.14	23.60	9.62
10.1	10.1	30.59	8.82	23.72	6.00
15.1	15.1	30.61	8.83	23.74	3.91*
20.0	20.1	30.62	8.82	23.75	4.15
25.0	25.1	30.68	8.80	23.80	4.04*
30.1	30.2	30.68	8.79	23.80	2.10
35.0	35.2	30.69	8.79	23.81	4.64
40.0	40.2	30.76	8.74	23.87	5.72
45.1	45.3	30.81	8.69	23.92	4.31
50.1	50.3	30.86	8.67	23.96	6.52
60.1	60.4	30.95	8.68	24.03	4.05
70.1	70.4	31.14	8.59	24.19	8.87*
80.0	80.4	31.19	8.55	24.23	5.39
90.1	90.5	31.29	8.48	24.33	5.72
100.1	100.6	31.39	8.42	24.41	4.14*
110.2	110.7	31.48	8.36	24.49	7.29
120.0	120.6	31.66	8.24	24.64	5.46*
130.0	130.7	31.74	8.19	24.71	4.81*

MAX DEPTH 138.8

CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.74
 DATE 17/ 6/76
 TIME (PST) 1109

TAPE CZ0/78/ 5-145
 LONG W123 11.86
 PASS NO. 51
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.21	10.76	23.12	37.94
2.0	2.0	30.51	9.03	23.64	19.35
5.1	5.2	30.58	8.85	23.72	7.49
10.1	10.1	30.69	8.79	23.81	8.35
15.1	15.2	30.74	8.77	23.85	4.31*
20.2	20.3	30.75	8.76	23.86	2.55*
25.0	25.1	30.76	8.76	23.87	2.94*
30.1	30.3	30.78	8.75	23.89	3.14*
35.0	35.2	30.80	8.73	23.90	3.21*
40.1	40.2	30.82	8.72	23.92	4.00*
45.1	45.3	30.84	8.70	23.94	5.29*
50.1	50.4	30.92	8.65	24.01	5.16*
60.0	60.3	30.95	8.67	24.03	4.49
70.2	70.5	31.08	8.61	24.14	6.81
80.0	80.4	31.17	8.57	24.21	4.16*
90.0	90.5	31.24	8.53	24.27	5.17
100.0	100.5	31.42	8.40	24.44	7.42*
110.0	110.6	31.61	8.28	24.60	14.34

MAX DEPTH 115.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.95
 DATE 17/ 6/76
 TIME (PST) 1118

TAPE CZO/78/ 5-146
 LONG W123 11.04
 PASS NO. 53
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	23.02	9.75	17.71	89.22
2.0	2.1	30.54	8.87	23.68	38.14
5.1	5.1	30.65	8.76	23.78	5.59
10.0	10.1	30.74	8.68	23.86	6.04
15.1	15.1	30.81	8.69	23.91	5.56*
20.0	20.1	30.81	8.70	23.92	2.15*
25.0	25.2	30.85	8.71	23.95	4.07*
30.1	30.2	30.90	8.67	23.99	5.30*
35.0	35.2	30.94	8.64	24.03	3.25*
40.1	40.2	30.95	8.64	24.03	1.72*
45.0	45.2	30.95	8.64	24.04	2.48*
50.1	50.3	30.97	8.64	24.05	3.86
60.0	60.3	31.09	8.62	24.15	8.56
70.1	70.4	31.18	8.54	24.23	2.96*
80.1	80.5	31.22	8.53	24.26	2.79
90.2	90.6	31.26	8.49	24.30	3.57*
100.1	100.5	31.32	8.45	24.35	5.61
110.2	110.7	31.47	8.36	24.48	4.94*
120.1	120.7	31.54	8.33	24.54	4.27*
130.1	130.8	31.58	8.31	24.57	4.70*
140.0	140.8	31.62	8.28	24.61	4.11*
150.1	150.9	31.69	8.23	24.67	2.97*
160.1	160.9	31.71	8.21	24.69	1.97*
170.1	171.0	31.73	8.20	24.71	4.33*
180.1	181.1	31.76	8.18	24.73	4.39*
190.1	191.1	31.85	8.12	24.81	5.25
200.0	201.1	32.04	8.01	24.98	8.44
210.1	211.3	32.24	7.88	25.16	

MAX DEPTH 213.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 29.24
 DATE 17/ 6/76
 TIME (PSI) 1128

TAPE CZ0/78/ 5-155
 LONG W123 10.40
 PASS NO. 55
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.07	10.73	23.02	29.42
2.1	2.1	30.41	9.25	23.52	16.28
5.1	5.1	30.51	8.94	23.64	9.21
10.0	10.1	30.60	8.84	23.73	9.89*
15.0	15.1	30.82	8.66	23.93	6.78
20.1	20.1	30.87	8.65	23.97	5.05
25.0	25.2	30.91	8.62	24.01	3.80*
30.1	30.3	30.91	8.61	24.01	2.46*
35.0	35.2	30.92	8.59	24.02	2.61*
40.1	40.3	30.94	8.59	24.03	3.02
45.2	45.4	30.95	8.59	24.04	4.51
50.1	50.3	30.96	8.60	24.05	3.09*
60.0	60.3	31.01	8.61	24.08	5.43*
70.0	70.4	31.11	8.58	24.17	3.65*
80.1	80.5	31.16	8.56	24.21	1.35*
90.2	90.6	31.16	8.56	24.21	2.66*
100.0	100.5	31.19	8.53	24.24	2.55*
110.0	110.6	31.21	8.53	24.26	6.02*
120.1	120.7	31.36	8.44	24.38	6.33
130.0	130.7	31.57	8.30	24.57	5.96
140.1	140.8	31.63	8.28	24.62	3.83
150.0	150.8	31.66	8.26	24.64	2.16*
160.1	160.9	31.67	8.25	24.65	2.12*
170.0	170.9	31.70	8.23	24.68	4.43
180.1	181.0	31.93	8.08	24.88	10.30*
190.1	191.2	32.05	8.00	24.99	14.93
200.2	201.3	32.25	7.88	25.16	2.04*
210.0	211.2	32.30	7.85	25.21	6.17

MAX DEPTH 211.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARD STRAIT 1976
 LAT N48 29.46
 DATE 17/ 6/76
 TIME (PST) 1139

TAPE CZ0/78/ 5-156
 LONG W123 9.50
 PASS NO. 57
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.16	9.72	23.25	28.25
2.0	2.1	30.33	9.12	23.48	14.30
5.1	5.1	30.45	8.96	23.60	11.26
10.1	10.1	30.65	8.82	23.77	10.20
15.0	15.1	30.82	8.67	23.93	8.32
20.2	20.3	30.91	8.62	24.00	7.45*
25.1	25.2	30.93	8.60	24.02	2.96*
30.1	30.3	30.94	8.59	24.03	3.42*
35.0	35.2	30.96	8.59	24.05	4.02*
40.1	40.3	31.00	8.56	24.09	4.00*
45.1	45.3	31.02	8.56	24.10	3.95*
50.1	50.3	31.06	8.56	24.13	4.04*
60.1	60.3	31.13	8.53	24.19	6.71
70.0	70.4	31.22	8.47	24.27	2.17*
80.1	80.5	31.27	8.45	24.31	4.73
90.2	90.6	31.30	8.44	24.34	2.12*
100.1	100.6	31.32	8.44	24.36	2.62*
110.1	110.6	31.35	8.43	24.37	6.00
120.1	120.7	31.56	8.31	24.56	4.43*
130.1	130.8	31.60	8.29	24.59	2.40*
140.1	140.8	31.61	8.28	24.60	4.67
150.2	151.0	31.69	8.24	24.67	3.56
160.1	161.0	31.72	8.22	24.70	2.63*
170.1	171.0	31.77	8.19	24.74	5.46*
180.1	181.1	31.87	8.12	24.83	7.72*
190.1	191.2	32.13	7.96	25.06	5.82*
200.1	201.2	32.20	7.91	25.12	5.49*
210.1	211.3	32.29	7.86	25.19	4.62*
220.0	221.3	32.28	7.86	25.19	+
230.2	231.5	32.30	7.85	25.20	+
240.1	241.5	32.37	7.80	25.27	7.06
250.1	251.6	32.42	7.77	25.31	1.19*
260.1	261.7	32.42	7.77	25.31	.97*
270.1	271.6	32.43	7.77	25.32	1.24*
280.0	281.7	32.43	7.76	25.32	1.09*

MAX DEPTH 288.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 17/ 6/76
 TIME (PST) 1152

TAPE CZ0/78/ 5-147
 LONG W123 8.86
 PASS NO. 59
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	21.42	9.22	16.54	46.56
2.0	2.1	30.61	9.02	23.71	20.85
5.0	5.1	30.66	8.87	23.78	7.51
10.2	10.2	30.79	8.73	23.89	7.62
15.1	15.1	30.87	8.63	23.98	6.69
20.1	20.1	30.96	8.63	24.05	6.46
25.0	25.1	31.08	8.55	24.15	5.91
30.0	30.2	31.11	8.52	24.17	4.25*
35.1	35.3	31.13	8.50	24.20	3.27*
40.1	40.3	31.14	8.50	24.20	3.70*
45.0	45.2	31.17	8.50	24.23	4.01*
50.0	50.3	31.20	8.48	24.25	4.14*
60.1	60.4	31.25	8.45	24.30	4.49
70.0	70.4	31.31	8.42	24.35	5.51*
80.2	80.6	31.41	8.38	24.43	4.80*
90.1	90.6	31.52	8.34	24.52	5.35*
100.1	100.6	31.56	8.31	24.56	2.56*
110.1	110.6	31.57	8.31	24.57	3.20*
120.0	120.7	31.63	8.28	24.62	5.22*
130.1	130.8	31.67	8.25	24.66	9.87
140.2	140.9	31.83	8.15	24.79	5.40*
150.1	150.9	31.88	8.12	24.84	2.29*
160.1	160.9	31.89	8.10	24.85	3.81*
170.2	171.1	31.95	8.07	24.90	1.27*
180.0	181.0	32.00	8.04	24.95	5.71*
190.0	191.1	32.08	7.99	25.01	3.38*
200.2	201.3	32.09	7.98	25.02	3.11*
210.1	211.3	32.19	7.92	25.11	5.55
220.2	221.4	32.25	7.88	25.16	3.24*
230.0	231.4	32.27	7.86	25.18	2.12*
240.1	241.5	32.29	7.85	25.20	4.58*
250.1	251.5	32.34	7.82	25.24	2.51*
260.1	261.6	32.37	7.80	25.27	1.49*
270.2	271.7	32.35	7.81	25.25	+
280.1	281.7	32.36	7.81	25.26	1.09*
290.2	291.9	32.37	7.80	25.27	+
300.0	301.8	32.39	7.80	25.28	4.58*
310.2	312.0	32.40	7.78	25.29	1.58*

MAX DEPTH 318.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 27.36
 DATE 17/ 6/76
 TIME (PST) 1304

TAPE CZ0/78/ 5-148
 LONG W123 15.61
 PASS NO. 61
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.83	11.55	22.69	35.64
2.0	2.1	30.07	9.55	23.21	20.46
5.1	5.1	30.15	9.39	23.29	10.46*
10.1	10.1	30.22	9.25	23.37	5.87*
15.0	15.1	30.25	9.29	23.39	6.01*
20.0	20.1	30.31	9.24	23.44	6.34*
25.1	25.2	30.34	9.17	23.48	7.50*
30.1	30.2	30.43	9.03	23.57	8.59
35.1	35.2	30.58	8.92	23.70	9.38
40.1	40.3	30.65	8.85	23.77	+

MAX DEPTH 41.2

CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 27.78
 DATE 17/ 6/76
 TIME (PST) 1310

TAPE CZ0/78/ 5-149
 LONG W123 14.72
 PASS NO. 63
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.89	11.69	22.72	38.76
2.0	2.1	30.08	9.68	23.20	24.96
5.0	5.0	30.30	9.24	23.44	16.75
10.0	10.1	30.42	9.00	23.57	6.45
15.0	15.1	30.46	8.97	23.60	2.65*
20.0	20.1	30.45	8.97	23.60	1.95*
25.1	25.2	30.46	8.97	23.61	4.84*
30.0	30.1	30.53	8.93	23.66	9.26
35.1	35.3	30.83	8.73	23.92	13.35
40.1	40.3	30.86	8.71	23.95	+

MAX DEPTH 41.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.02
 DATE 17/ 6/76
 TIME (PST) 1317

TAPE CZ0/78/ 5-150
 LONG W123 13.86
 PASS NO. 65
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.12	9.77	23.22	33.77
2.1	2.1	30.29	9.17	23.44	14.60
5.1	5.1	30.29	9.13	23.45	3.72*
10.1	10.1	30.30	9.13	23.46	3.51*
15.0	15.1	30.33	9.15	23.47	7.58*
20.1	20.1	30.46	9.07	23.59	10.11
25.0	25.2	30.66	8.82	23.78	5.46
30.0	30.2	30.69	8.81	23.80	
35.0	35.2	30.73	8.79	23.84	

MAX DEPTH 36.8

CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.25
 DATE 17/ 6/76
 TIME (PST) 1324

TAPE CZ0/78/ 5-151
 LONG W123 13.23
 PASS NO. 67
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.08	10.03	23.14	29.26
2.0	2.0	30.17	9.18	23.35	18.81
5.0	5.0	30.35	8.97	23.52	12.17
10.0	10.1	30.49	8.83	23.65	4.44
15.0	15.1	30.51	8.84	23.66	3.11*
20.1	20.2	30.52	8.84	23.67	2.44*
25.0	25.1	30.54	8.83	23.68	2.37*
30.1	30.2	30.54	8.82	23.69	4.01
35.1	35.2	30.58	8.80	23.72	4.88*
40.1	40.3	30.58	8.79	23.72	2.82*
45.0	45.2	30.60	8.79	23.74	3.27*
50.0	50.2	30.64	8.81	23.77	3.81
60.0	60.3	30.66	8.80	23.78	3.45*
70.1	70.4	30.72	8.77	23.83	4.26*

MAX DEPTH 79.8

COASTAL ZONE OCLANOGRAPHY

CRUISE NO. 2 HARO STRAIT 1976

LAT N48 28.48

DATE 17/ 6/76

TIME (PST) 1333

TAPE CZ0/78/ 5-152

LONG W123 12.43

PASS NO. 69

STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.90	10.78	22.88	33.45
2.0	2.0	30.10	9.47	23.24	23.37
5.1	5.2	30.35	8.94	23.52	17.73
10.1	10.1	30.49	8.83	23.65	7.23
15.0	15.1	30.59	8.76	23.74	6.54
20.1	20.2	30.66	8.73	23.79	4.62*
25.1	25.2	30.68	8.72	23.81	3.10*
30.2	30.3	30.69	8.72	23.82	1.67*
35.1	35.2	30.69	8.72	23.82	1.86*
40.0	40.2	30.70	8.73	23.82	2.49*
45.1	45.3	30.71	8.73	23.84	5.00
50.1	50.3	30.72	8.73	23.84	4.66*
60.0	60.3	30.74	8.74	23.86	5.76
70.1	70.5	30.80	8.73	23.90	3.47
80.1	80.4	30.87	8.70	23.97	6.08
90.1	90.5	30.95	8.66	24.03	6.80*
100.1	100.6	31.17	8.56	24.22	7.15
110.1	110.6	31.28	8.48	24.32	7.19*
120.1	120.7	31.48	8.36	24.49	7.45
130.0	130.7	31.77	8.17	24.74	8.81

MAX DEPTH 132.3

CRUISE NO. 2 HARO STRAIT 1976

LAT N48 28.74

DATE 17/ 6/76

TIME (PST) 1343

TAPE CZ0/78/ 5-153

LONG W123 11.86

PASS NO. 71

STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.83	11.62	22.68	46.50
2.0	2.0	30.10	9.39	23.26	21.24
5.1	5.1	30.19	9.20	23.36	13.29
10.0	10.0	30.47	8.85	23.63	9.28
15.1	15.2	30.66	8.71	23.80	7.87
20.1	20.1	30.77	8.68	23.89	6.92*
25.2	25.3	30.80	8.66	23.91	5.83
30.1	30.2	30.84	8.65	23.95	3.22*
35.1	35.3	30.83	8.66	23.94	.92*
40.1	40.3	30.84	8.66	23.94	.75*
45.1	45.3	30.83	8.66	23.94	+
50.1	50.3	30.83	8.66	23.94	.42*
60.1	60.3	30.83	8.67	23.94	1.40*
70.0	70.3	30.84	8.67	23.95	+
80.2	80.6	30.95	8.67	24.03	10.82
90.1	90.5	31.17	8.56	24.22	5.53
100.1	100.6	31.24	8.53	24.27	4.77*
110.1	110.6	31.32	8.46	24.35	7.19*

MAX DEPTH 115.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.95
 DATE 17/ 6/76
 TIME (PST) 1352

TAPE CZ0/78/ 5-154
 LONG W123 11.04
 PASS NO. 73
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.76	11.49	22.65	41.13
2.0	2.0	30.09	9.27	23.27	21.81
5.0	5.0	30.25	9.06	23.43	12.42
10.0	10.1	30.49	8.78	23.65	11.55
15.1	15.2	30.65	8.71	23.79	5.95
20.1	20.1	30.77	8.67	23.89	6.78*
25.1	25.2	30.80	8.66	23.92	4.21*
30.1	30.3	30.82	8.65	23.93	4.62*
35.1	35.2	30.85	8.63	23.96	4.65
40.1	40.3	30.91	8.61	24.01	4.42*
45.2	45.4	30.99	8.57	24.07	5.56*
50.1	50.3	31.01	8.58	24.09	5.11
60.0	60.3	31.12	8.55	24.18	6.80*
70.1	70.5	31.25	8.47	24.29	5.59*
80.0	80.4	31.33	8.43	24.36	2.28*
90.1	90.5	31.35	8.44	24.37	1.55*
100.1	100.6	31.34	8.44	24.36	+
110.1	110.6	31.33	8.45	24.36	+
120.0	120.6	31.37	8.43	24.39	4.56*
130.2	130.8	31.44	8.38	24.45	3.78*
140.0	140.7	31.52	8.32	24.52	5.48
150.0	150.8	31.59	8.27	24.59	1.99*
160.0	160.9	31.60	8.27	24.60	2.67*
170.0	170.9	31.72	8.19	24.70	6.75*
180.2	181.1	31.73	8.20	24.71	.90*
190.0	191.0	31.74	8.20	24.71	5.86*
200.2	201.2	31.92	8.09	24.87	6.94

MAX DEPTH 209.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 17/ 6/76
 TIME (PSI) 1405

TAPE CZ0/78/ 7- 1
 LONG W123 10.40
 PASS NO. 75
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.91	9.85	23.04	28.39
2.1	2.1	30.21	9.36	23.35	18.48
5.1	5.1	30.36	8.95	23.53	9.67
10.1	10.1	30.49	8.80	23.65	8.89
15.1	15.2	30.61	8.73	23.76	7.36
20.0	20.1	30.79	8.66	23.91	8.70
25.0	25.2	30.89	8.62	23.99	6.89
30.0	30.2	30.92	8.60	24.02	4.19*
35.1	35.3	30.95	8.59	24.04	3.12*
40.1	40.3	30.97	8.58	24.06	2.68*
45.1	45.3	30.97	8.57	24.06	2.25*
50.0	50.3	30.99	8.57	24.07	4.56
60.1	60.4	31.07	8.54	24.14	5.73
70.1	70.4	31.19	8.51	24.24	4.28*
80.0	80.4	31.20	8.47	24.25	2.98*
90.0	90.5	31.28	8.45	24.32	3.61*
100.1	100.6	31.35	8.42	24.38	5.52*
110.1	110.6	31.42	8.39	24.44	5.22
120.2	120.8	31.54	8.31	24.54	3.83*
130.0	130.7	31.60	8.27	24.59	5.06*
140.0	140.8	31.75	8.18	24.72	7.95*
150.0	150.8	31.78	8.16	24.75	2.00*
160.0	160.9	31.78	8.16	24.75	1.29*
170.1	171.0	31.78	8.16	24.75	+
180.0	181.0	31.83	8.15	24.79	5.47
190.1	191.1	31.93	8.07	24.89	5.98
200.0	201.1	32.08	7.99	25.01	6.48*

MAX DEPTH 207.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 29.46
 DATE 17/ 6/76
 TIME (PST) 1417

TAPE CZ0/78/ 7- 2
 LONG W123 9.50
 PASS NO. 77
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.35	10.01	23.35	17.58
2.1	2.1	30.30	9.15	23.45	13.82
5.1	5.1	30.39	8.90	23.56	9.42
10.0	10.1	30.45	8.83	23.61	6.86
15.1	15.1	30.58	8.76	23.73	6.34
20.1	20.2	30.79	8.65	23.90	9.39
25.0	25.2	30.86	8.62	23.97	6.71
30.1	30.2	30.92	8.60	24.02	4.91*
35.2	35.3	30.94	8.59	24.03	3.80
40.1	40.3	30.99	8.58	24.07	4.93*
45.0	45.2	31.04	8.55	24.12	4.89*
50.1	50.3	31.06	8.53	24.14	4.44
60.0	60.3	31.14	8.50	24.20	2.92*
70.1	70.4	31.22	8.46	24.27	5.87*
80.1	80.5	31.33	8.40	24.37	5.15*
90.1	90.5	31.37	8.39	24.39	.84*
100.1	100.5	31.38	8.39	24.41	4.35
110.0	110.6	31.55	8.29	24.56	6.86
120.2	120.8	31.74	8.19	24.71	5.67
130.0	130.7	31.80	8.15	24.77	3.45*
140.1	140.8	31.81	8.14	24.78	1.38*
150.0	150.8	31.83	8.14	24.79	3.55
160.1	160.9	31.92	8.09	24.87	4.31*
170.2	171.1	31.97	8.05	24.92	5.41*
180.2	181.2	32.11	7.97	25.04	4.59
190.0	191.1	32.17	7.93	25.09	3.20*
200.1	201.2	32.22	7.90	25.13	5.99*
210.1	211.3	32.23	7.89	25.14	3.77
220.0	221.3	32.27	7.87	25.18	2.49*
230.1	231.5	32.29	7.85	25.19	+
240.2	241.6	32.31	7.84	25.21	2.95*
250.1	251.5	32.32	7.84	25.22	1.64*
260.1	261.6	32.32	7.84	25.22	2.37
270.1	271.6	32.39	7.79	25.28	

MAX DEPTH 272.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 17/ 6/76
 TIME (PST) 1430

TAPE CZ0/78/ 7- 3
 LONG W123 8.86
 PASS NO. 79
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.29	9.69	23.36	22.82
2.1	2.1	30.40	8.99	23.55	14.68
5.0	5.0	30.47	8.95	23.61	7.73
10.0	10.1	30.58	8.87	23.71	9.86
15.2	15.2	30.86	8.63	23.96	11.30
20.1	20.2	31.00	8.57	24.08	9.00
25.0	25.2	31.11	8.51	24.18	8.28*
30.1	30.2	31.20	8.46	24.25	5.99*
35.1	35.3	31.23	8.45	24.28	5.19*
40.0	40.2	31.27	8.43	24.31	4.54
45.1	45.3	31.29	8.41	24.33	4.59
50.1	50.3	31.30	8.41	24.34	3.51*
60.1	60.4	31.33	8.40	24.36	1.16*
70.0	70.4	31.33	8.40	24.36	3.25*
80.1	80.5	31.39	8.38	24.42	4.61*
90.0	90.5	31.46	8.35	24.47	3.04*
100.0	100.5	31.50	8.33	24.51	2.61*
110.1	110.6	31.53	8.32	24.53	3.37*
120.2	120.8	31.58	8.29	24.58	7.53
130.0	130.7	31.79	8.16	24.76	5.55
140.1	140.8	31.88	8.12	24.83	4.65
150.1	150.9	31.91	8.10	24.87	4.50*
160.2	161.0	32.00	8.04	24.94	3.50
170.0	171.0	32.08	7.99	25.01	6.21*
180.0	181.0	32.13	7.95	25.06	3.70*
190.1	191.1	32.18	7.93	25.10	2.50*
200.0	201.1	32.19	7.92	25.11	2.18*
210.1	211.3	32.23	7.89	25.14	2.83*
220.2	221.4	32.25	7.88	25.16	2.43*
230.1	231.4	32.27	7.87	25.18	2.53*
240.2	241.5	32.30	7.85	25.20	1.62*
250.1	251.5	32.29	7.85	25.20	4.47
260.2	261.7	32.33	7.83	25.23	2.47*
270.1	271.6	32.34	7.82	25.24	1.64*
280.1	281.7	32.34	7.82	25.24	3.15*
290.1	291.8	32.42	7.78	25.31	4.32*
300.0	301.8	32.52	7.71	25.39	3.67*
310.1	312.0	32.53	7.70	25.41	

MAX DEPTH 318.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 27.36
 DATE 17/ 6/76
 TIME (PST) 1540

TAPE CZ0/78/ 7- 4
 LONG W123 15.61
 PASS NO. 81
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.13	10.01	23.18	10.07
2.0	2.0	30.20	9.73	23.28	9.65
5.1	5.1	30.25	9.49	23.36	7.46*
10.0	10.0	30.23	9.39	23.36	4.24
15.1	15.1	30.24	9.37	23.37	8.97
20.1	20.2	30.39	9.18	23.51	7.67
25.1	25.2	30.49	9.16	23.59	6.22
30.0	30.1	30.53	9.18	23.63	4.74
35.0	35.2	30.54	9.19	23.63	+
40.0	40.2	30.55	9.19	23.64	4.54

MAX DEPTH 40.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 27.78
 DATE 17/ 6/76
 TIME (PST) 1545

TAPE CZ0/78/ 7- 5
 LONG W123 14.72
 PASS NO. 83
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	30.09	9.87	23.18	8.59
2.0	2.0	30.16	9.61	23.27	6.76
5.1	5.1	30.18	9.44	23.31	6.68*
10.0	10.1	30.26	9.28	23.40	8.05*
15.1	15.2	30.38	9.07	23.52	5.02*
20.0	20.1	30.38	9.07	23.52	2.65*
25.1	25.2	30.40	9.02	23.55	3.29*
30.1	30.3	30.41	9.02	23.56	4.74
35.1	35.2	30.45	9.00	23.59	
40.0	40.2	30.47	8.98	23.61	

MAX DEPTH 40.2

CRUISE NO. 2 HARO STRAIT 1976
 LAT N48 28.02
 DATE 17/ 6/76
 TIME (PST) 1551

TAPE CZ0/78/ 7- 6
 LONG W123 13.86
 PASS NO. 85
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	30.28	9.53	23.38	14.52*
2.0	2.1	30.33	9.41	23.44	12.03*
5.1	5.1	30.31	9.40	23.42	8.30*
10.0	10.0	30.37	9.22	23.49	7.75
15.1	15.1	30.39	9.06	23.53	5.31
20.1	20.2	30.48	8.86	23.63	8.11*
25.1	25.2	30.48	8.86	23.63	+
30.0	30.1	30.49	8.86	23.64	4.07*
35.0	35.2	30.50	8.84	23.65	3.17
40.1	40.3	30.54	8.82	23.69	6.22
45.0	45.2	30.58	8.81	23.72	

MAX DEPTH 46.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.25
 DATE 17/ 6/76
 TIME (PST) 1557

TAPE CZ0/78/ 7- 7
 LONG W123 13.23
 PASS NO. 87
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.04	10.41	23.05	11.78
2.0	2.1	30.04	9.41	23.21	16.35
5.1	5.1	30.25	9.01	23.43	7.68
10.0	10.1	30.36	8.87	23.54	6.12
15.1	15.1	30.46	8.82	23.62	7.92
20.1	20.2	30.50	8.80	23.66	5.15*
25.0	25.1	30.58	8.77	23.72	4.16*
30.1	30.2	30.59	8.77	23.73	2.25*
35.1	35.2	30.60	8.77	23.74	1.47*
40.1	40.2	30.60	8.77	23.74	2.43*
45.0	45.2	30.62	8.78	23.75	3.40
50.2	50.4	30.62	8.77	23.76	3.83*
60.1	60.3	30.64	8.79	23.77	2.17*
70.1	70.4	30.67	8.79	23.79	3.19*
80.1	80.4	30.76	8.76	23.87	10.04

MAX DEPTH 87.0

CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.48
 DATE 17/ 6/76
 TIME (PST) 1605

TAPE CZ0/78/ 7- 8
 LONG W123 12.43
 PASS NO. 89
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.67	10.24	19.69	46.61
2.1	2.1	30.27	9.10	23.43	22.73
5.1	5.1	30.33	8.93	23.50	6.58
10.0	10.1	30.53	8.77	23.68	11.14
15.2	15.3	30.58	8.74	23.73	5.16*
20.0	20.1	30.63	8.73	23.77	3.97*
25.0	25.1	30.64	8.72	23.78	3.22*
30.0	30.2	30.66	8.72	23.80	2.71*
35.0	35.2	30.68	8.71	23.81	3.20*
40.0	40.2	30.69	8.71	23.82	3.36*
45.1	45.3	30.72	8.70	23.85	1.99*
50.1	50.3	30.72	8.70	23.84	.99*
60.1	60.3	30.73	8.69	23.86	2.18*
70.1	70.4	30.75	8.69	23.87	2.04*
80.2	80.5	30.76	8.69	23.88	1.97*
90.1	90.5	30.82	8.68	23.93	4.91
100.1	100.5	30.89	8.67	23.99	4.28*
110.1	110.6	30.92	8.66	24.01	5.46*
120.0	120.6	31.17	8.54	24.22	14.89
130.1	130.7	31.45	8.37	24.46	4.77

MAX DEPTH 139.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 17/ 6/76
 TIME (PST) 1614

TAPE CZ0/78/ 7- 9
 LONG W123 11.86
 PASS NO. 91
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.28	11.73	23.01	43.64
2.2	2.2	30.31	9.08	23.47	23.11
5.1	5.1	30.40	8.86	23.58	4.90
10.1	10.1	30.41	8.80	23.59	7.44*
15.0	15.1	30.64	8.71	23.79	9.39
20.1	20.2	30.77	8.66	23.89	4.01*
25.2	25.3	30.76	8.67	23.88	2.22*
30.1	30.2	30.78	8.67	23.90	2.85*
35.0	35.2	30.82	8.66	23.93	3.52*
40.1	40.3	30.83	8.66	23.94	2.93*
45.0	45.2	30.82	8.66	23.93	2.32*
50.1	50.3	30.83	8.67	23.94	+
60.1	60.4	30.83	8.67	23.93	1.52*
70.0	70.4	30.86	8.69	23.96	4.67
80.0	80.4	31.02	8.64	24.09	5.53*
90.3	90.7	31.06	8.60	24.13	3.62*
100.1	100.6	31.16	8.55	24.21	7.54
110.1	110.6	31.25	8.50	24.29	6.27

MAX DEPTH 119.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HARO STRAIT 1976

LAT N48 28.95

DATE 17/ 6/76

TIME (PST) 1622

TAPE CZ0/78/ 7- 10

LONG W123 11.04

PASS NO. 93

STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.20	10.76	23.12	38.20
2.0	2.1	30.39	8.96	23.55	19.54
5.2	5.2	30.46	8.82	23.63	5.00
10.0	10.0	30.58	8.74	23.73	11.05
15.0	15.1	30.75	8.67	23.88	9.79
20.1	20.2	30.87	8.62	23.97	7.62*
25.0	25.2	30.87	8.62	23.97	6.14*
30.1	30.2	30.87	8.62	23.98	+
35.1	35.3	30.88	8.62	23.99	3.19*
40.1	40.3	30.91	8.61	24.01	1.89*
45.0	45.2	30.91	8.61	24.01	.59*
50.1	50.3	30.91	8.62	24.00	.81*
60.1	60.3	30.92	8.61	24.01	1.21*
70.1	70.5	30.92	8.61	24.02	1.28*
80.1	80.4	30.92	8.61	24.02	1.24*
90.0	90.4	30.93	8.61	24.02	2.16*
100.2	100.7	30.97	8.60	24.06	3.20*
110.0	110.6	31.02	8.60	24.09	4.53*
120.0	120.6	31.12	8.57	24.18	3.25*
130.1	130.7	31.13	8.57	24.18	.92*
140.1	140.8	31.14	8.55	24.20	2.13*
150.1	150.8	31.19	8.52	24.24	6.28
160.1	160.9	31.36	8.43	24.39	4.36
170.1	171.0	31.49	8.35	24.50	6.67*
180.1	181.0	31.65	8.26	24.64	3.53*
190.1	191.1	31.67	8.25	24.65	4.70*
200.1	201.1	31.77	8.18	24.74	4.99

MAX DEPTH 204.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 17/ 6/76
 TIME (PST) 1631

TAPE CZ0/78/ 7- 11
 LONG W123 10.40
 PASS NO. 95
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	U-V
.0	.0	25.17	9.93	19.35	32.73
2.0	2.0	30.26	9.27	23.40	22.99
5.1	5.2	30.45	8.86	23.61	5.99
10.1	10.1	30.50	8.79	23.66	6.81
15.0	15.1	30.63	8.72	23.77	6.11
20.1	20.2	30.80	8.65	23.91	6.84
25.0	25.1	30.85	8.63	23.96	5.02
30.1	30.2	30.87	8.62	23.98	5.22*
35.0	35.2	30.95	8.59	24.04	3.66*
40.1	40.2	30.94	8.60	24.03	1.65*
45.1	45.3	30.95	8.59	24.04	1.17*
50.1	50.3	30.95	8.60	24.04	1.12*
60.2	60.4	30.95	8.60	24.04	+
70.1	70.4	30.97	8.59	24.05	1.80*
80.1	80.5	31.05	8.58	24.12	4.23*
90.1	90.5	31.03	8.58	24.10	4.03*
100.1	100.5	31.03	8.59	24.10	+
110.1	110.6	31.12	8.57	24.18	4.70*
120.1	120.7	31.23	8.51	24.27	8.04*
130.1	130.8	31.36	8.45	24.38	4.29*
140.0	140.7	31.37	8.45	24.39	+
150.0	150.8	31.46	8.39	24.47	5.18
160.1	160.9	31.48	8.37	24.48	2.47*
170.2	171.0	31.52	8.34	24.52	5.68*
180.1	181.1	31.74	8.20	24.72	8.94

MAX DEPTH 187.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 HAKO STRAIT 1976

LAT N48 29.40

DATE 17/ 6/76

TIME (PST) 1642

TAPE CZ0/78/ 7- 12

LONG W123 9.50

PASS NO. 97

STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.68	9.09	23.75	12.11
2.1	2.1	30.39	8.90	23.56	3.54*
5.0	5.0	30.48	8.79	23.64	9.05
10.1	10.1	30.68	8.69	23.81	5.99
15.1	15.2	30.74	8.67	23.87	6.02
20.1	20.1	30.82	8.63	23.93	6.35
25.0	25.1	30.87	8.62	23.97	4.95
30.1	30.2	30.92	8.59	24.02	4.99
35.0	35.2	30.95	8.58	24.04	4.79*
40.1	40.3	31.01	8.56	24.09	4.94*
45.0	45.2	31.04	8.55	24.12	4.68*
50.2	50.4	31.09	8.52	24.16	5.86
60.0	60.3	31.14	8.49	24.21	3.14*
70.2	70.5	31.19	8.47	24.25	4.10*
80.1	80.5	31.27	8.43	24.31	4.26*
90.0	90.4	31.32	8.43	24.35	4.27
100.1	100.6	31.38	8.40	24.41	7.06
110.0	110.6	31.46	8.35	24.48	3.39
120.1	120.7	31.55	8.29	24.55	4.78*
130.0	130.7	31.56	8.29	24.56	1.50*
140.2	140.9	31.57	8.29	24.57	2.71*
150.2	150.9	31.63	8.26	24.62	4.75*
160.0	160.9	31.67	8.25	24.65	2.24*
170.2	171.0	31.68	8.24	24.66	2.77*
180.3	181.2	31.74	8.21	24.71	4.21*
190.0	191.0	31.77	8.19	24.74	5.56
200.1	201.2	31.90	8.11	24.85	4.53*
210.2	211.3	31.90	8.10	24.85	3.11
220.0	221.2	31.93	8.09	24.88	2.24*
230.1	231.4	31.95	8.08	24.90	3.64*
240.0	241.3	31.99	8.05	24.93	4.75
250.1	251.5	32.25	7.89	25.16	9.51*
260.0	261.5	32.51	7.72	25.39	4.64*
270.1	271.7	32.56	7.68	25.43	+

MAX DEPTH 276.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 HAWAII STRAIT 1976
 LAT N48 29.75
 DATE 17/ 6/76
 TIME (PST) 1654

TAPE CZ0/78/ 7- 13
 LONG W123 8.86
 PASS NO. 99
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.53	9.07	23.64	7.05
2.0	2.0	30.57	8.95	23.69	9.95
5.0	5.0	30.67	8.88	23.78	5.33
10.0	10.1	30.91	8.83	23.97	10.82
15.1	15.2	31.01	8.79	24.05	6.90*
20.1	20.2	31.06	8.76	24.11	5.22*
25.1	25.2	31.08	8.75	24.12	3.86*
30.1	30.2	31.09	8.73	24.13	3.78*
35.2	35.3	31.10	8.71	24.14	4.63*
40.1	40.3	31.14	8.60	24.19	4.94*
45.0	45.2	31.15	8.56	24.20	4.87*
50.1	50.4	31.20	8.49	24.25	4.25*
60.2	60.5	31.22	8.46	24.27	3.48*
70.1	70.5	31.28	8.43	24.32	5.33
80.1	80.5	31.41	8.39	24.43	5.15
90.0	90.5	31.49	8.34	24.50	5.36
100.2	100.7	31.53	8.31	24.53	2.21
110.0	110.6	31.56	8.31	24.56	1.21*
120.2	120.8	31.56	8.31	24.56	1.86*
130.0	130.7	31.60	8.28	24.60	5.27
140.2	140.9	31.66	8.26	24.64	3.39*
150.0	150.8	31.69	8.24	24.67	5.70
160.2	161.0	31.77	8.19	24.74	4.42*
170.0	170.9	31.73	8.21	24.71	+
180.0	181.0	31.75	8.20	24.72	+
190.1	191.1	31.77	8.19	24.74	+
200.1	201.2	31.78	8.18	24.75	1.69*
210.2	211.3	31.81	8.17	24.77	3.64*
220.1	221.3	31.86	8.14	24.81	3.58*
230.0	231.3	31.90	8.11	24.85	4.02*
240.1	241.4	31.96	8.08	24.91	6.16
250.1	251.5	32.17	7.94	25.09	8.91*
260.2	261.7	32.27	7.87	25.18	5.05*
270.2	271.8	32.34	7.83	25.24	6.44
280.0	281.7	32.43	7.76	25.32	4.79
290.0	291.7	32.51	7.71	25.39	3.37*
300.1	301.9	32.53	7.70	25.41	1.10*
310.1	312.0	32.53	7.70	25.41	

MAX DEPTH 315.6

CRUISE No. 3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 43.22
 DATE 15/ 7/76
 TIME (PST) 0940

TAPE CZ0/78/ 7- 14
 LONG W123 16.48
 PASS NO. 17
 STN: LINE 4-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.11	11.29	21.41	40.52
2.1	2.1	28.52	10.30	21.89	25.13
5.1	5.1	28.75	10.17	22.09	15.34
10.2	10.2	29.01	10.02	22.32	8.88
15.1	15.1	29.42	9.75	22.68	7.07
20.2	20.2	29.57	9.68	22.80	9.06*
25.1	25.2	29.61	9.65	22.83	6.66*
30.2	30.3	29.73	9.58	22.94	4.86*
35.0	35.1	29.75	9.58	22.96	3.08*
40.2	40.3	29.77	9.57	22.98	3.88
45.1	45.3	29.79	9.56	23.00	6.70*
50.2	50.4	29.90	9.52	23.08	6.73
60.1	60.3	30.28	9.37	23.40	8.87
70.2	70.5	30.53	9.21	23.62	10.78*
80.0	80.4	30.79	9.10	23.84	7.14
90.0	90.4	30.93	9.03	23.96	5.37*
100.3	100.8	31.02	8.99	24.03	5.09
110.2	110.7	31.09	8.93	24.10	5.27
120.2	120.8	31.18	8.89	24.18	3.29*
130.0	130.6	31.20	8.88	24.19	3.08*
140.3	140.9	31.24	8.86	24.22	2.65*
150.2	150.9	31.25	8.86	24.24	.98*
160.2	161.0	31.25	8.86	24.24	.52*
170.1	170.9	31.25	8.86	24.23	

MAX DEPTH 177.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARGO STRAIT 1976
 LAT N48 43.55
 DATE 15/ 7/76
 TIME (PST) 0956

TAPE CZ0/78/ 7- 15
 LONG W123 15.55
 PASS NO. 19
 STN: LINE 4-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.72	10.89	21.18	+
2.1	2.1	27.70	10.88	21.16	12.68
5.1	5.1	28.25	10.50	21.64	14.99
10.3	10.3	28.34	10.37	21.73	11.16*
15.3	15.3	28.62	10.16	21.99	11.77
20.2	20.3	28.90	10.02	22.23	15.33
25.1	25.2	29.20	9.86	22.49	6.18
30.0	30.1	29.31	9.80	22.58	9.09
35.2	35.3	29.57	9.69	22.80	10.41
40.2	40.4	29.71	9.64	22.92	5.06
45.2	45.4	29.84	9.60	23.02	9.67
50.2	50.4	29.94	9.55	23.11	7.84
60.0	60.3	30.15	9.44	23.29	9.06
70.2	70.4	30.45	9.29	23.55	7.68*
80.2	80.5	30.61	9.21	23.68	6.71*
90.2	90.6	30.81	9.13	23.86	7.55
100.1	100.5	30.90	9.06	23.93	3.48*
110.3	110.8	30.98	9.02	24.00	6.66*
120.0	120.6	31.08	8.96	24.09	5.52
130.2	130.8	31.26	8.87	24.24	6.25
140.1	140.8	31.29	8.85	24.27	2.33*
150.2	150.9	31.32	8.81	24.29	3.36*
160.1	160.9	31.39	8.77	24.36	4.69
170.2	171.0	31.42	8.75	24.38	

MAX DEPTH 174.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 43.93
 DATE 15/ 7/76
 TIME (PST) 1012

TAPE CZ0/78/ 7- 16
 LONG W123 14.55
 PASS NO. 21
 STN: LINE 4-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.94	10.86	21.34	14.25
2.1	2.1	28.15	10.38	21.59	16.74
5.1	5.1	28.70	10.00	22.08	29.96
10.2	10.2	29.29	9.78	22.57	15.14*
15.2	15.2	29.53	9.66	22.77	6.68
20.2	20.3	29.60	9.63	22.84	5.75
25.2	25.2	29.62	9.62	22.85	3.81*
30.1	30.2	29.63	9.60	22.86	2.38*
35.1	35.2	29.64	9.60	22.87	1.64*
40.2	40.4	29.64	9.60	22.87	3.19
45.1	45.2	29.73	9.58	22.94	5.92*
50.0	50.2	29.78	9.57	22.98	6.99
60.2	60.4	30.00	9.50	23.16	7.78
70.1	70.3	30.11	9.45	23.25	5.34*
80.2	80.5	30.25	9.39	23.38	5.44

MAX DEPTH 86.4

CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 41.77
 DATE 15/ 7/76
 TIME (PST) 1031

TAPE CZ0/78/ 7- 17
 LONG W123 16.96
 PASS NO. 23
 STN: LINE 3-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.89	11.52	21.20	22.92
2.1	2.1	28.10	10.80	21.48	13.97
5.1	5.1	28.27	10.65	21.64	25.20
10.1	10.1	29.24	9.92	22.50	18.65
15.1	15.1	29.52	9.69	22.76	5.24
20.0	20.1	29.53	9.68	22.77	5.23*
25.0	25.1	29.60	9.63	22.83	10.99
30.2	30.3	30.03	9.46	23.20	10.23
35.2	35.3	30.07	9.45	23.23	4.75*
40.3	40.4	30.13	9.43	23.27	4.98*
45.2	45.4	30.14	9.43	23.29	4.75*
50.2	50.4	30.19	9.40	23.33	5.82
60.0	60.3	30.26	9.35	23.39	4.80*
70.0	70.3	30.49	9.25	23.58	7.22*
80.1	80.5	30.55	9.22	23.63	6.34

MAX DEPTH 80.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 41.61
 DATE 15/ 7/76
 TIME (PST) 1040

TAPE CZO/78/ 7- 18
 LONG W123 15.96
 PASS NO. 25
 STN: LINE 3-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.78	10.97	21.20	34.24
2.2	2.2	28.22	10.44	21.63	21.90
5.2	5.2	28.70	10.09	22.06	21.88
10.3	10.3	29.32	9.78	22.59	9.40
15.2	15.3	29.34	9.77	22.61	3.57*
20.0	20.1	29.36	9.76	22.63	3.28*
25.0	25.1	29.37	9.76	22.63	3.02*
30.3	30.4	29.40	9.74	22.66	4.39
35.1	35.2	29.43	9.73	22.68	4.64
40.2	40.3	29.45	9.73	22.70	12.02*
45.0	45.2	29.97	9.50	23.14	9.97
50.1	50.3	30.20	9.40	23.33	11.01
60.1	60.3	30.28	9.37	23.40	4.96*
70.3	70.5	30.42	9.30	23.52	5.50
80.0	80.4	30.47	9.28	23.57	6.27*
90.0	90.4	30.75	9.11	23.81	7.26
100.2	100.6	30.92	9.03	23.96	7.93
110.0	110.6	31.05	8.97	24.06	5.49
120.2	120.7	31.09	8.94	24.10	2.72*
130.2	130.8	31.12	8.93	24.13	2.28*
140.3	140.9	31.13	8.93	24.13	2.92*
150.2	150.9	31.22	8.89	24.21	4.76*
160.1	160.8	31.24	8.88	24.23	2.95*
170.1	170.9	31.31	8.84	24.29	4.47*
180.3	181.2	31.34	8.82	24.31	2.32*
190.2	191.2	31.34	8.82	24.31	1.22*
200.1	201.1	31.36	8.81	24.33	1.75*
210.3	211.3	31.37	8.81	24.33	1.80*
220.2	221.3	31.38	8.80	24.34	2.66
230.2	231.3	31.38	8.80	24.35	.79*
240.3	241.5	31.38	8.80	24.35	1.32*
250.0	251.2	31.39	8.80	24.35	

MAX DEPTH 255.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 41.46
 DATE 15/ 7/76
 TIME (PST) 1059

TAPE CZ0/78/ 7- 19
 LONG W123 14.77
 PASS NO. 27
 STN: LINE 3-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.50	10.74	21.80	27.25
2.0	2.0	29.12	10.05	22.39	26.62
5.3	5.3	29.78	9.63	22.97	18.98
10.2	10.2	30.00	9.45	23.17	4.15*
15.3	15.3	30.01	9.45	23.18	3.72*
20.3	20.4	30.05	9.42	23.21	4.97*
25.2	25.3	30.11	9.41	23.26	6.32*
30.2	30.3	30.17	9.39	23.31	5.23
35.1	35.2	30.19	9.39	23.33	4.81*
40.1	40.3	30.19	9.39	23.33	+
45.2	45.4	30.21	9.39	23.34	4.40*
50.3	50.5	30.20	9.39	23.34	+
60.2	60.4	30.23	9.38	23.36	5.31
70.2	70.5	30.34	9.34	23.45	4.65*
80.0	80.3	30.40	9.32	23.51	6.14*
90.1	90.5	30.64	9.23	23.70	7.80*
100.1	100.6	30.71	9.19	23.76	4.65*
110.2	110.7	30.79	9.14	23.84	7.98
120.1	120.6	30.89	9.09	23.92	4.02*
130.0	130.6	30.95	9.06	23.97	2.49*
140.2	140.9	30.96	9.05	23.98	2.33*
150.1	150.8	30.98	9.04	24.00	4.11
160.1	160.8	31.06	8.99	24.06	3.92*
170.0	170.8	31.10	8.97	24.10	2.77*
180.2	181.0	31.12	8.96	24.12	4.81*
190.0	190.9	31.19	8.92	24.18	5.39*
200.2	201.1	31.28	8.87	24.26	7.20*
210.1	211.1	31.39	8.80	24.35	3.21*
220.1	221.2	31.39	8.80	24.35	1.50*
230.0	231.1	31.43	8.78	24.38	4.31*
240.3	241.5	31.44	8.76	24.40	2.21*
250.2	251.4	31.46	8.76	24.41	2.20*
260.2	261.5	31.48	8.74	24.43	2.28*
270.1	271.4	31.49	8.74	24.44	2.09*
280.1	281.5	31.50	8.73	24.45	2.07*
290.0	291.5	31.50	8.73	24.45	+
300.1	301.6	31.51	8.73	24.46	1.39*
310.1	311.7	31.51	8.73	24.45	+
320.1	321.7	31.52	8.73	24.46	

MAX DEPTH 321.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 46.86
 DATE 16/ 7/76
 TIME (PST) 0934

TAPE CZ0/78/ 7- 20
 LONG W123 2.50
 PASS NO. 29
 STN: LINE 5-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	12.68	15.39	8.85	116.92
2.1	2.1	22.44	12.86	16.77	61.83
5.1	5.0	23.60	13.23	17.59	33.06
10.1	10.1	27.11	11.26	20.64	32.02
15.1	15.1	26.06	10.35	21.52	10.25
20.2	20.2	26.35	10.20	21.77	19.34
25.1	25.2	26.80	9.91	22.17	7.83*
30.2	30.3	26.85	9.87	22.21	12.04
35.1	35.2	29.38	9.56	22.67	12.49
40.1	40.3	29.58	9.46	22.84	4.70
45.2	45.4	29.78	9.39	23.01	9.27
50.0	50.2	29.88	9.35	23.09	4.38
60.1	60.3	29.98	9.32	23.18	4.30
70.2	70.5	29.99	9.33	23.18	+
80.1	80.4	30.16	9.24	23.33	+
90.2	90.5	30.23	9.22	23.39	4.86
100.3	100.7	30.30	9.21	23.44	3.25*
110.2	110.7	30.36	9.20	23.49	6.06*
120.1	120.6	30.54	9.14	23.64	8.54
130.2	130.8	30.73	9.07	23.80	5.06*
140.3	140.9	30.81	9.03	23.87	4.57
150.1	150.8	30.95	8.97	23.98	5.99
160.1	160.8	31.01	8.94	24.03	4.92*
170.2	170.9	31.10	8.90	24.11	3.17*
180.2	181.0	31.20	8.85	24.20	5.46*
190.1	191.0	31.26	8.83	24.25	5.05

MAX DEPTH 196.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HARO STRAIT 1976

LAT N48 46.04

DATE 16/ 7/76

TIME (PST) 0949

TAPE CZ0/78/ 7- 21

LONG W123 1.80

PASS NO. 31

STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	25.26	12.44	17.47	81.42
2.1	2.1	25.59	11.32	19.45	43.02
5.4	5.4	26.17	11.26	19.92	19.21
10.0	10.0	26.41	11.25	20.10	14.26
15.2	15.3	27.39	10.78	20.94	20.94
20.2	20.2	27.61	10.60	21.14	5.88
25.1	25.2	27.89	10.45	21.38	21.81
30.3	30.3	28.95	9.91	22.28	11.65*
35.2	35.3	29.02	9.87	22.34	12.11*
40.3	40.5	29.58	9.59	22.82	12.36
45.3	45.4	29.92	9.41	23.11	14.27
50.3	50.5	30.03	9.36	23.21	8.86*
60.1	60.4	30.10	9.31	23.27	3.03*
70.2	70.5	30.14	9.30	23.31	4.18*
80.1	80.4	30.18	9.29	23.33	4.88*
90.1	90.5	30.20	9.28	23.36	3.70*
100.2	100.6	30.30	9.25	23.43	6.42
110.2	110.7	30.39	9.20	23.52	5.46*
120.0	120.5	30.53	9.14	23.63	5.57*
130.3	130.8	30.74	9.06	23.80	5.78
140.1	140.8	30.88	9.00	23.93	5.47*
150.1	150.8	30.95	8.97	23.98	4.84
160.1	160.8	30.97	8.96	24.00	1.74*
170.2	170.9	31.00	8.94	24.03	3.76*
180.1	180.9	31.06	8.92	24.08	2.78*
190.0	190.9	31.09	8.91	24.11	3.94
200.1	201.0	31.21	8.85	24.20	5.99*
210.2	211.2	31.26	8.83	24.24	2.46*

MAX DEPTH 216.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 44.88
 DATE 16/ 7/76
 TIME (PST) 1005

TAPE CZ0/78/ 7- 22
 LONG W123 .76
 PASS NO. 33
 STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	17.08	16.29	12.03	59.63
2.2	2.2	20.39	14.29	14.94	66.81
5.1	5.1	20.15	11.69	19.82	72.23
10.1	10.1	27.74	10.61	21.24	10.81
15.2	15.2	27.83	10.55	21.31	4.96
20.3	20.3	28.43	10.15	21.84	24.59
25.1	25.2	29.08	9.87	22.39	10.45
30.2	30.3	29.58	9.64	22.82	12.76
35.2	35.3	29.71	9.57	22.93	10.76
40.1	40.3	29.84	9.45	23.05	5.23*
45.1	45.2	29.99	9.39	23.17	7.84*
50.1	50.3	30.04	9.37	23.22	6.19
60.2	60.5	30.08	9.36	23.25	2.72*
70.1	70.3	30.15	9.35	23.30	4.46*
80.2	80.5	30.22	9.31	23.36	4.35
90.1	90.4	30.28	9.30	23.41	3.11*
100.1	100.5	30.30	9.29	23.43	

MAX DEPTH 104.5

CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 43.22
 DATE 16/ 7/76
 TIME (PST) 1019

TAPE CZ0/78/ 7- 23
 LONG W122 59.27
 PASS NO. 35
 STN: LINE 5-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	19.80	14.85	14.38	47.30
2.1	2.1	21.01	13.42	15.57	44.04
5.1	5.1	25.66	12.51	17.77	72.78
10.3	10.3	27.37	10.82	20.92	17.31
15.1	15.2	27.96	10.48	21.43	11.01
20.1	20.1	28.46	10.17	21.86	10.85
25.2	25.2	28.78	10.00	22.14	16.67
30.0	30.1	29.12	9.81	22.43	16.04*
35.1	35.3	29.36	9.72	22.63	12.09
40.2	40.3	29.73	9.51	22.95	10.93*
45.3	45.5	29.79	9.47	23.00	5.15*
50.2	50.4	29.81	9.46	23.02	4.63*
60.2	60.4	29.95	9.38	23.14	7.31
70.2	70.5	30.08	9.30	23.26	6.92
80.2	80.5	30.22	9.23	23.38	3.91*
90.3	90.6	30.27	9.21	23.41	2.95*
100.2	100.6	30.28	9.21	23.42	.77*
110.1	110.6	30.28	9.22	23.42	2.31*
120.0	120.5	30.30	9.20	23.45	+

MAX DEPTH 125.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HARO STRAIT 1976

LAT N48 42.21

DATE 16/ 7/76

TIME (PST) 1031

TAPL CZ0/78/ 7- 24

LONG W122 58.36

PASS NO. 37

STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.64	12.15	18.59	87.35*
2.2	2.2	27.75	10.43	21.27	64.75*
5.3	5.3	27.81	10.40	21.32	30.85*
10.1	10.1	27.90	10.38	21.40	9.34
15.2	15.2	28.36	10.26	21.77	20.71
20.1	20.1	28.56	10.14	21.94	8.96
25.0	25.1	28.90	9.93	22.24	17.95
30.1	30.2	29.46	9.66	22.72	8.00
35.2	35.3	29.58	9.60	22.82	5.32
40.3	40.4	29.72	9.56	22.93	6.79
45.2	45.4	29.86	9.50	23.05	6.65
50.2	50.4	29.87	9.51	23.06	8.68*
60.2	60.4	30.13	9.38	23.29	4.02*
70.2	70.5	30.17	9.37	23.32	2.57*
80.3	80.6	30.17	9.36	23.31	+
90.3	90.7	30.18	9.36	23.33	+
100.1	100.5	30.24	9.35	23.38	2.67*
110.2	110.7	30.26	9.35	23.39	3.57*
120.2	120.7	30.28	9.35	23.41	1.47*
130.1	130.6	30.31	9.35	23.43	3.20*
140.2	140.8	30.37	9.34	23.48	4.99*
150.1	150.8	30.41	9.33	23.51	2.53*
160.2	160.9	30.45	9.33	23.54	5.73
170.1	170.8	30.62	9.22	23.69	+

MAX DEPTH 171.4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HARO STRAIT 1976

LAT N48 35.33

DATE 16/ 7/76

TIME (PST) 1158

TAPE CZ0/78/ 7- 25

LONG W123 12.95

PASS NO. 39

STN: LINE 2-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	27.16	11.34	20.66	63.01
2.1	2.1	28.49	10.28	21.87	29.07
5.2	5.3	28.67	10.16	22.03	8.78
10.1	10.2	29.41	9.82	22.65	22.12
15.1	15.2	29.70	9.70	22.90	8.15
20.2	20.3	29.89	9.62	23.06	10.35
25.3	25.4	29.98	9.57	23.13	8.98*
30.2	30.3	30.15	9.49	23.28	9.12*
35.2	35.3	30.19	9.47	23.32	9.88*
40.2	40.4	30.44	9.35	23.53	8.73
45.1	45.3	30.55	9.30	23.62	7.90
50.0	50.2	30.63	9.27	23.69	5.37*
60.0	60.3	30.69	9.25	23.74	10.09
70.2	70.5	30.85	9.19	23.88	4.85*
80.1	80.4	30.88	9.15	23.90	4.97
90.0	90.4	31.00	9.08	24.01	4.84*
100.1	100.6	31.03	9.07	24.03	3.17*
110.3	110.8	31.09	9.05	24.08	6.50*
120.0	120.6	31.21	8.96	24.19	7.09*
130.3	130.9	31.49	8.77	24.44	6.16*
140.1	140.8	31.53	8.74	24.47	2.60*
150.4	151.1	31.59	8.72	24.52	5.52*
160.3	161.1	31.58	8.72	24.51	+
170.0	170.9	31.64	8.68	24.57	+
180.1	181.1	31.67	8.67	24.59	5.24
190.0	191.0	31.72	8.63	24.64	4.39
200.1	201.2	31.81	8.56	24.72	3.95
210.2	211.3	31.86	8.52	24.76	3.92*
220.1	221.3	31.89	8.50	24.79	4.61*
230.2	231.4	32.04	8.37	24.92	8.46
240.0	241.3	32.13	8.23	25.01	3.87*
250.1	251.5	32.15	8.27	25.03	4.14
260.1	261.5	32.22	8.21	25.09	

MAX DEPTH 268.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HARO STRAIT 1976

LAT N48 35.37

DATE 16/ 7/76

TIME (PST) 1214

TAPE CZ0/78/ 7- 26

LONG W123 14.09

PASS NO. 41

STN: LINE 2-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.76	10.88	21.20	60.08
2.2	2.2	29.10	9.98	22.39	36.11
5.2	5.3	29.49	9.77	22.72	12.81
10.0	10.1	29.63	9.71	22.84	9.46*
15.3	15.3	29.80	9.64	22.98	8.19*
20.3	20.4	29.84	9.62	23.02	5.97
25.1	25.2	29.90	9.60	23.07	7.28
30.2	30.3	30.13	9.51	23.27	12.79
35.2	35.4	30.34	9.39	23.45	7.66
40.1	40.2	30.37	9.38	23.47	6.52*
45.3	45.5	30.48	9.34	23.56	11.54
50.0	50.2	30.64	9.27	23.69	9.16*
60.0	60.3	30.67	9.26	23.72	4.79
70.1	70.4	30.81	9.17	23.85	6.69
80.0	80.4	31.01	9.04	24.02	9.74*
90.2	90.7	31.20	8.93	24.18	5.58
100.0	100.5	31.34	8.86	24.30	3.74*
110.1	110.6	31.33	8.86	24.30	.24*
120.2	120.8	31.47	8.78	24.42	7.72*
130.1	130.7	31.49	8.77	24.44	3.03*
140.2	140.9	31.55	8.73	24.48	3.42*
150.1	150.8	31.57	8.72	24.51	5.89
160.0	160.9	31.61	8.70	24.54	3.08*
170.1	171.0	31.68	8.65	24.60	4.97*
180.2	181.1	31.78	8.57	24.69	4.58*
190.2	191.2	31.79	8.57	24.70	4.18*
200.2	201.2	31.88	8.49	24.78	4.43*
210.2	211.3	31.91	8.47	24.81	3.46
220.2	221.4	32.06	8.34	24.95	8.81
230.1	231.3	32.15	8.26	25.03	

MAX DEPTH 234.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 35.40
 DATE 16/ 7/76
 TIME (PST) 1228

TAPE CZ0/78/ 7- 27
 LONG W123 15.00
 PASS NO. 43
 STN: LINE 2-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.47	11.04	20.95	21.42
2.0	2.0	27.78	10.72	21.25	21.24
5.2	5.2	28.16	10.44	21.59	12.49
10.2	10.2	28.56	10.34	21.91	14.38
15.2	15.3	28.85	10.30	22.14	10.92*
20.2	20.2	29.00	10.27	22.27	10.84
25.2	25.3	29.32	10.07	22.54	8.65
30.2	30.3	29.53	9.89	22.74	14.60*
35.1	35.2	29.74	9.71	22.93	8.45
40.0	40.2	29.77	9.70	22.95	6.38
45.3	45.4	30.01	9.58	23.16	15.68
50.4	50.5	30.20	9.49	23.32	7.81*
60.1	60.3	30.29	9.43	23.40	6.99
70.0	70.3	30.48	9.34	23.56	6.93*
80.0	80.4	30.62	9.28	23.68	6.66
90.4	90.7	30.76	9.19	23.81	6.61*
100.3	100.8	30.90	9.10	23.92	6.38*
110.1	110.6	31.01	9.04	24.02	5.03*
120.1	120.6	31.02	9.04	24.03	+
130.2	130.8	31.02	9.04	24.03	+
140.1	140.7	31.11	9.01	24.10	8.40*
150.1	150.8	31.25	8.91	24.23	9.60
160.2	161.0	31.50	8.75	24.45	7.31*
170.1	171.0	31.55	8.72	24.49	3.28*
180.2	181.1	31.56	8.71	24.50	1.49*
190.2	191.2	31.56	8.71	24.50	4.18*

MAX DEPTH 194.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 27.26
 DATE 19/ 7/76
 TIME (PST) 0536

TAPE CZ0/78/ 7- 28
 LONG W123 15.34
 PASS NO. 45
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.11	11.14	20.66	22.93
2.0	2.0	27.36	11.37	20.81	13.95
5.1	5.1	27.45	11.33	20.89	9.32
10.2	10.2	27.62	11.28	21.03	9.95
15.1	15.1	27.82	11.22	21.19	5.14
20.3	20.3	28.14	11.08	21.47	9.98*
25.2	25.2	28.17	11.07	21.49	6.63*
30.2	30.2	28.34	11.01	21.63	6.78

MAX DEPTH 30.9

CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 27.50
 DATE 19/ 7/76
 TIME (PST) 0543

TAPE CZ0/78/ 7- 29
 LONG W123 14.57
 PASS NO. 47
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.19	11.32	20.69	2.19
2.2	2.2	27.29	11.57	20.73	9.60
5.1	5.1	27.65	11.36	21.04	25.17
10.0	10.0	28.14	11.15	21.45	6.28
15.2	15.2	28.22	11.13	21.52	8.50
20.3	20.3	28.38	11.08	21.65	11.34
25.1	25.1	29.01	10.61	22.22	12.77
30.1	30.2	29.19	10.37	22.40	16.36*
35.1	35.2	29.83	9.95	22.96	16.86

MAX DEPTH 37.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HARO STRAIT 1976

LAT N48 27.77

DATE 19/ 7/76

TIME (PST) 0551

TAPE CZ0/78/ 7- 30

LONG W123 13.68

PASS NO. 49

STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.64	11.68	19.44	76.21
2.1	2.1	27.52	11.07	20.99	35.21
5.2	5.2	27.69	11.14	21.11	13.55
10.1	10.2	26.40	10.84	21.71	11.06
15.1	15.1	28.51	11.03	21.76	10.40*
20.2	20.2	28.83	10.82	22.04	17.81
25.0	25.1	29.34	10.14	22.55	17.13
30.0	30.1	29.42	10.02	22.63	12.65*
35.3	35.4	29.80	9.78	22.97	11.31
40.3	40.5	29.97	9.71	23.11	7.29
45.0	45.2	30.00	9.70	23.14	6.50
50.2	50.4	30.31	9.62	23.39	6.32

MAX DEPTH 51.2

CRUISE NO. 3 HARO STRAIT 1976

LAT N48 27.94

DATE 19/ 7/76

TIME (PST) 0604

TAPE CZ0/78/ 7- 31

LONG W123 13.09

PASS NO. 51

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.86	11.17	20.46	32.57
2.1	2.1	27.37	11.02	20.88	22.76
5.1	5.1	27.53	10.99	21.01	10.01
10.2	10.2	28.08	11.05	21.43	20.53
15.3	15.3	28.55	10.77	21.83	17.55*
20.1	20.1	28.88	10.68	22.11	11.75
25.1	25.2	29.37	10.05	22.58	9.54
30.2	30.3	29.86	9.76	23.02	13.29
35.3	35.5	30.11	9.64	23.23	15.04*
40.1	40.3	30.49	9.45	23.56	15.86
45.2	45.4	31.21	8.99	24.19	
50.2	50.5	31.34	8.90	24.30	

MAX DEPTH 51.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.20
 DATE 19/ 7/76
 TIME (PST) 0615

TAPE CZ0/78/ 7- 32
 LONG W123 12.23
 PASS NO. 53
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.43	11.99	19.22	46.08
2.2	2.2	26.55	11.49	20.17	36.51
5.0	5.0	27.58	10.94	21.06	19.51
10.1	10.2	28.81	10.27	22.12	22.58
15.1	15.1	28.95	10.20	22.23	9.22
20.4	20.5	29.23	10.05	22.48	9.02
25.2	25.2	29.39	9.97	22.61	14.24
30.1	30.2	29.92	9.69	23.07	7.79
35.1	35.2	30.10	9.70	23.21	18.29
40.1	40.3	30.46	9.50	23.52	10.15
45.1	45.3	30.80	9.27	23.82	10.18
50.2	50.5	30.83	9.25	23.85	4.27*
60.1	60.4	31.02	9.12	24.01	16.97
70.1	70.4	31.38	8.90	24.33	8.46
80.1	80.5	31.66	8.68	24.58	4.38*
90.0	90.5	31.73	8.61	24.65	6.55
100.4	100.9	31.76	8.60	24.67	2.63*
110.0	110.6	31.79	8.57	24.70	3.21*
120.3	121.0	31.80	8.56	24.71	3.93

MAX DEPTH 126.8

CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.40
 DATE 19/ 7/76
 TIME (PST) 0627

TAPE CZ0/78/ 7- 33
 LONG W123 11.64
 PASS NO. 55
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.87	12.27	18.74	+
2.1	2.1	25.08	12.21	18.92	25.53
5.0	5.0	27.35	11.07	20.86	41.63
10.1	10.2	28.19	10.60	21.58	9.30
15.3	15.3	28.85	10.33	22.14	12.29
20.1	20.1	29.21	10.09	22.45	17.49
25.3	25.4	30.15	9.56	23.27	15.66
30.0	30.1	30.24	9.52	23.34	6.06
35.1	35.3	30.38	9.46	23.46	8.82
40.1	40.3	30.62	9.32	23.67	12.83
45.3	45.5	30.78	9.24	23.81	7.05
50.3	50.5	31.07	9.08	24.06	8.57
60.2	60.5	31.36	8.91	24.31	6.01*
70.1	70.4	31.40	8.87	24.35	3.83*
80.1	80.5	31.46	8.83	24.40	5.73

MAX DEPTH 84.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.63
 DATE 19/ 7/76
 TIME (PST) 0639

TAPE CZ0/78/ 7- 34
 LONG W123 10.87
 PASS NO. 57

STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.70	12.38	18.59	+
2.4	2.4	25.80	12.03	19.50	27.75
5.2	5.2	27.90	10.73	21.34	39.19
10.1	10.2	28.74	10.25	22.07	21.12
15.1	15.1	29.16	10.07	22.42	12.69
20.0	20.1	29.90	9.66	23.06	19.46
25.2	25.3	30.36	9.50	23.45	17.15
30.1	30.2	30.75	9.23	23.79	10.11
35.2	35.4	30.97	9.09	23.98	8.60*
40.1	40.3	31.11	9.01	24.11	9.21
45.1	45.4	31.21	8.95	24.19	5.13
50.2	50.4	31.24	8.95	24.22	2.70*
60.3	60.6	31.25	8.97	24.22	2.99*
70.2	70.5	31.39	8.87	24.34	8.79
80.1	80.5	31.47	8.80	24.42	+
90.3	90.7	31.66	8.66	24.59	11.34*
100.0	100.5	31.65	8.67	24.57	+
110.1	110.7	31.69	8.65	24.61	1.62*
120.0	120.6	31.75	8.61	24.66	11.05
130.1	130.8	31.95	8.45	24.84	3.80*
140.1	140.9	31.96	8.44	24.85	1.07*
150.3	151.1	31.96	8.45	24.85	1.17*
160.2	161.0	31.96	8.45	24.85	5.12
170.2	171.1	32.15	8.28	25.02	7.20*
180.0	181.1	32.28	8.16	25.15	4.95*
190.0	191.1	32.35	8.10	25.21	7.90*

MAX DEPTH 198.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.90
 DATE 19/ 7/76
 TIME (PST) 0654

TAPE CZ0/78/ 7- 35
 LONG W123 10.00
 PASS NO. 59
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.75	12.38	18.63	78.80
2.1	2.1	27.52	10.93	21.01	48.46
5.1	5.1	28.29	10.50	21.68	26.77
10.0	10.1	28.97	10.13	22.27	8.92
15.2	15.3	29.11	10.08	22.38	9.11
20.2	20.2	29.42	9.93	22.65	21.08
25.3	25.4	29.97	9.64	23.12	16.18
30.2	30.3	30.19	9.59	23.30	11.24
35.1	35.2	30.53	9.45	23.58	11.43
40.1	40.3	31.19	8.98	24.17	23.81
45.0	45.2	31.29	8.90	24.26	4.74*
50.2	50.5	31.36	8.89	24.31	5.08*
60.1	60.4	31.41	8.86	24.36	4.54
70.0	70.4	31.47	8.80	24.41	7.79*
80.4	80.9	31.74	8.60	24.66	9.95
90.3	90.7	31.86	8.50	24.77	3.88*
100.3	100.8	31.88	8.49	24.78	1.59*
110.4	111.0	31.90	8.48	24.80	3.14
120.4	121.1	31.91	8.47	24.81	1.75*
130.1	130.8	31.90	8.48	24.80	+
140.2	140.9	31.90	8.48	24.80	+
150.1	150.9	31.90	8.48	24.80	+
160.1	161.0	31.93	8.46	24.83	6.13*
170.1	171.1	32.02	8.39	24.91	2.81*
180.2	181.2	32.07	8.35	24.95	4.60*
190.2	191.2	32.14	8.28	25.02	4.68

MAX DEPTH 195.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 29.13
 DATE 19/ 7/76
 TIME (PST) 0707

TAPE CZ0/78/ 7- 36
 LONG W123 9.32
 PASS NO. 61
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.72	12.38	18.60	+
2.3	2.3	25.50	12.13	19.25	25.93
5.0	5.0	27.93	10.75	21.36	48.97
10.2	10.2	29.31	9.94	22.56	11.07
15.1	15.1	29.72	9.72	22.91	7.42
20.0	20.1	29.94	9.61	23.10	9.02*
25.1	25.2	29.97	9.60	23.12	7.40*
30.2	30.3	30.24	9.54	23.35	5.41
35.1	35.3	30.34	9.51	23.43	9.86
40.2	40.3	30.64	9.41	23.67	13.56
45.0	45.2	30.85	9.20	23.87	5.35
50.3	50.5	31.12	9.09	24.10	13.42
60.1	60.3	31.39	8.87	24.34	9.54
70.3	70.6	31.64	8.66	24.57	7.46*
80.2	80.6	31.73	8.60	24.65	7.27*
90.2	90.7	31.95	8.46	24.84	7.79*
100.2	100.8	32.02	8.39	24.90	2.08
110.2	110.8	32.05	8.36	24.93	2.22*
120.2	120.8	32.05	8.36	24.93	.68*
130.0	130.8	32.08	8.34	24.96	5.04*
140.2	141.0	32.20	8.23	25.07	4.59*
150.0	150.9	32.23	8.21	25.10	3.33*
160.1	161.0	32.27	8.17	25.13	2.73*
170.1	171.1	32.29	8.16	25.15	1.47*
180.3	181.3	32.29	8.16	25.15	3.32*
190.4	191.5	32.35	8.10	25.21	4.81
200.2	201.4	32.39	8.07	25.25	2.30*
210.0	211.2	32.41	8.06	25.26	3.20*
220.1	221.4	32.43	8.03	25.28	1.22*
230.1	231.4	32.46	8.00	25.31	3.02
240.3	241.7	32.45	8.02	25.30	4.06*
250.2	251.7	32.52	7.94	25.37	11.12
260.3	261.9	32.81	7.68	25.63	

MAX DEPTH 268.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 29.43
 DATE 19/ 7/76
 TIME (PST) 0722

TAPE CZ0/78/ 7- 37
 LONG W123 8.40
 PASS NO. 63
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.67	12.36	18.57	21.05
2.3	2.3	26.09	11.78	19.77	32.85
5.1	5.1	27.71	10.86	21.17	37.19
10.3	10.3	29.67	9.77	22.86	10.89
15.1	15.2	29.94	9.63	23.09	14.06
20.1	20.2	30.33	9.50	23.42	11.46
25.3	25.4	30.37	9.49	23.45	6.94*
30.2	30.3	30.48	9.47	23.54	6.57
35.4	35.5	30.55	9.47	23.60	4.86
40.0	40.2	30.69	9.36	23.72	6.05
45.1	45.3	30.75	9.31	23.78	7.81*
50.1	50.4	30.86	9.20	23.88	10.76
60.2	60.5	31.30	8.93	24.26	5.51*
70.1	70.5	31.50	8.80	24.44	12.59
80.0	80.5	31.84	8.53	24.74	2.56*
90.2	90.7	31.84	8.54	24.74	3.90*
100.1	100.6	31.84	8.54	24.74	+
110.1	110.7	32.00	8.41	24.89	4.60
120.0	120.7	31.98	8.43	24.87	+
130.2	130.9	32.10	8.32	24.98	6.04
140.2	141.0	32.18	8.25	25.06	3.74*
150.1	150.9	32.20	8.23	25.07	2.04*
160.1	161.0	32.22	8.22	25.09	3.92
170.3	171.2	32.25	8.19	25.11	3.12*
180.1	181.1	32.29	8.16	25.15	4.18*
190.2	191.3	32.37	8.08	25.22	4.08
200.2	201.3	32.36	8.09	25.22	+
210.0	211.2	32.36	8.09	25.22	2.78*
220.2	221.5	32.38	8.08	25.23	1.85*
230.2	231.5	32.38	8.08	25.24	1.71*
240.3	241.7	32.39	8.07	25.24	.72*
250.2	251.6	32.41	8.06	25.26	3.12*
260.0	261.5	32.45	8.03	25.30	4.51*
270.1	271.7	32.55	7.96	25.38	6.57*
280.1	281.8	32.64	7.87	25.46	4.93
290.1	291.8	32.71	7.79	25.54	1.27*
300.3	302.2	32.74	7.76	25.56	2.28*
310.1	312.0	32.77	7.74	25.58	+

MAX DEPTH 315.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 27.26
 DATE 19/ 7/76
 TIME (PST) 0856

TAPE CZ0/78/ 7- 38
 LONG W123 15.34
 PASS NO. 65
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.89	11.68	20.40	35.20
2.0	2.0	27.24	11.45	20.71	17.17
5.0	5.0	27.35	11.45	20.79	13.90
10.2	10.3	27.40	11.43	20.84	11.89*
15.1	15.2	27.75	11.23	21.14	7.98
20.0	20.1	27.89	11.19	21.25	11.57
25.1	25.1	28.84	10.76	22.06	27.20
30.1	30.2	29.32	10.41	22.49	11.10
35.1	35.3	29.49	10.31	22.64	9.57

MAX DEPTH 37.1

CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 27.50
 DATE 19/ 7/76
 TIME (PST) 0901

TAPE CZ0/78/ 7- 39
 LONG W123 14.57
 PASS NO. 67
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.82	11.74	20.34	33.30
2.1	2.1	27.23	11.31	20.72	20.74
5.2	5.2	27.45	11.25	20.91	23.86
10.1	10.1	28.79	10.77	22.02	13.15
15.3	15.3	28.89	10.72	22.10	6.00
20.2	20.3	28.99	10.67	22.19	7.18*
25.3	25.3	28.99	10.67	22.19	18.67*
30.1	30.2	29.98	10.00	23.06	8.93
35.1	35.3	30.15	9.87	23.22	10.44

MAX DEPTH 39.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 27.77
 DATE 19/ 7/76
 TIME (PST) 0910

TAPE CZ0/78/ 7- 40
 LONG W123 13.68
 PASS NO. 69
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.62	11.76	20.17	43.64*
2.1	2.1	27.71	11.12	21.13	35.96*
5.4	5.4	27.82	11.16	21.20	24.43*
10.2	10.2	28.48	10.98	21.75	19.98
15.0	15.1	29.17	10.51	22.36	14.49
20.2	20.3	29.36	10.18	22.56	13.04
25.0	25.1	29.59	10.00	22.77	6.95
30.1	30.2	29.93	9.80	23.06	12.48
35.1	35.3	30.08	9.73	23.19	7.61
40.1	40.3	30.33	9.62	23.40	19.89
45.0	45.2	30.85	9.26	23.86	8.20
50.1	50.3	31.24	8.98	24.21	10.43

MAX DEPTH 50.1

CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 27.94
 DATE 19/ 7/76
 TIME (PST) 0917

TAPE CZ0/78/ 7- 41
 LONG W123 13.09
 PASS NO. 71
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.88	11.63	20.40	24.94
2.0	2.0	27.28	11.29	20.77	18.31
5.2	5.2	27.75	11.28	21.13	22.79
10.1	10.1	28.16	11.03	21.49	17.39
15.1	15.1	28.99	10.56	22.21	16.87
20.3	20.3	29.18	10.35	22.39	10.01*
25.1	25.2	29.37	10.11	22.58	16.29*
30.3	30.4	29.95	9.75	23.08	7.92
35.2	35.4	30.06	9.72	23.17	10.14
40.1	40.3	30.17	9.67	23.27	7.91
45.1	45.3	30.38	9.56	23.45	8.15
50.1	50.3	30.52	9.47	23.57	10.03
60.0	60.3	31.04	9.11	24.04	13.93
70.1	70.4	31.41	8.86	24.36	

MAX DEPTH 73.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.20
 DATE 19/ 7/76
 TIME (PST) 0928

TAPE CZ0/78/ 7- 42
 LONG W123 12.23
 PASS NO. 73
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.06	11.58	20.55	54.58
2.1	2.1	27.90	10.99	21.29	23.78
5.2	5.2	27.95	11.06	21.33	8.65*
10.0	10.0	28.24	11.12	21.53	11.77
15.2	15.2	28.52	10.99	21.78	8.92
20.1	20.2	29.04	10.54	22.25	15.77*
25.3	25.3	29.18	10.33	22.39	17.20*
30.1	30.2	29.81	9.87	22.96	12.65
35.2	35.3	30.01	9.75	23.13	7.76
40.1	40.2	30.07	9.72	23.19	6.62
45.1	45.3	30.23	9.65	23.32	9.69
50.3	50.5	30.36	9.55	23.44	7.33
60.2	60.5	30.74	9.33	23.76	11.01
70.1	70.4	31.18	9.03	24.16	9.32
80.1	80.5	31.33	8.93	24.29	6.01
90.2	90.7	31.49	8.81	24.43	5.21
100.1	100.6	31.51	8.80	24.45	2.70
110.3	110.8	31.54	8.78	24.47	3.31*
120.2	120.8	31.61	8.73	24.53	6.53*
130.1	130.8	31.89	8.50	24.79	3.97*

MAX DEPTH 137.0

CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.40
 DATE 19/ 7/76
 TIME (PST) 0938

TAPE CZ0/78/ 7- 43
 LONG W123 11.64
 PASS NO. 75
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.00	12.06	19.65	70.48
2.1	2.1	27.63	10.87	21.10	38.43
5.1	5.1	28.13	10.77	21.51	7.19
10.1	10.2	28.25	10.95	21.58	8.69*
15.3	15.4	28.50	10.97	21.76	13.15
20.0	20.1	28.90	10.62	22.13	12.66
25.1	25.2	29.42	10.07	22.62	33.18
30.1	30.2	30.00	9.66	23.14	7.22
35.0	35.2	30.09	9.62	23.21	6.18*
40.0	40.2	30.12	9.62	23.24	4.79*
45.0	45.2	30.14	9.59	23.26	6.23*
50.4	50.6	30.26	9.56	23.35	6.44*
60.2	60.5	30.36	9.52	23.44	5.71
70.3	70.6	30.64	9.38	23.68	9.86*
80.2	80.5	30.89	9.24	23.90	8.52*
90.0	90.5	31.36	8.92	24.31	9.99
100.2	100.7	31.66	8.68	24.58	10.92
110.2	110.8	32.05	8.36	24.93	12.28
120.1	120.7	32.19	8.24	25.06	+

MAX DEPTH 121.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 28.63
 DATE 19/ 7/76
 TIME (PST) 0948

TAPE CZO/78/ 7- 44
 LONG W123 10.87
 PASS NO. 77
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.71	12.15	19.41	56.52
2.2	2.2	27.22	11.06	20.76	34.64
5.1	5.1	28.03	10.62	21.46	24.37
10.3	10.3	28.36	10.54	21.72	11.87*
15.4	15.4	28.59	10.84	21.85	18.77*
20.3	20.3	29.43	10.04	22.64	13.82
25.0	25.1	29.71	9.86	22.88	15.92
30.0	30.1	29.76	9.85	22.92	11.84*
35.2	35.3	30.05	9.67	23.17	8.06
40.2	40.4	30.14	9.62	23.25	7.45
45.2	45.4	30.12	9.65	23.23	+
50.3	50.5	30.24	9.59	23.34	8.70
60.2	60.4	30.42	9.50	23.49	9.30*
70.1	70.4	30.65	9.35	23.69	8.30
80.0	80.4	31.44	8.83	24.39	10.47
90.1	90.6	31.59	8.72	24.52	7.04
100.3	100.8	31.71	8.63	24.63	4.91*
110.1	110.7	31.74	8.60	24.66	2.07*
120.2	120.8	31.74	8.60	24.66	2.41*
130.1	130.8	31.84	8.53	24.74	3.77*
140.1	140.8	31.86	8.52	24.76	7.32
150.0	150.8	32.09	8.33	24.97	4.09*
160.3	161.2	32.12	8.30	25.00	4.87
170.0	171.0	32.18	8.24	25.06	4.07*
180.0	181.0	32.21	8.22	25.08	2.61*
190.1	191.1	32.21	8.22	25.08	2.08*
200.2	201.3	32.25	8.19	25.11	5.67

MAX DEPTH 207.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 28.90
 DATE 19/ 7/76
 TIME (PS1) 0959

TAPE CZ0/78/ 7- 45
 LONG W123 10.00
 PASS NO. 79
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.45	12.43	19.16	84.64
2.1	2.1	27.99	10.79	21.40	40.40
5.2	5.2	28.34	10.45	21.73	11.05
10.1	10.1	28.54	10.40	21.89	7.36
15.1	15.2	28.76	10.41	22.06	10.89*
20.2	20.2	29.06	10.12	22.34	15.24
25.2	25.3	29.59	9.86	22.79	21.27
30.1	30.2	30.23	9.66	23.32	23.43
35.0	35.2	30.53	9.43	23.59	9.69*
40.5	40.6	30.55	9.40	23.60	3.26*
45.2	45.4	30.55	9.39	23.61	3.31*
50.2	50.4	30.56	9.38	23.62	7.13
60.1	60.4	30.95	9.16	23.95	10.75
70.2	70.5	31.29	8.95	24.25	7.83*
80.1	80.5	31.48	8.81	24.42	6.27
90.2	90.7	31.54	8.76	24.48	4.84
100.1	100.6	31.60	8.72	24.53	2.46*
110.3	110.8	31.60	8.72	24.53	.55*
120.2	120.8	31.61	8.72	24.53	2.20*
130.3	130.9	31.63	8.70	24.55	3.01*
140.2	140.9	31.76	8.61	24.67	5.40*
150.0	150.8	31.84	8.54	24.75	6.82
160.3	161.2	31.88	8.51	24.78	3.78*
170.3	171.2	32.04	8.38	24.92	8.90
180.1	181.1	32.20	8.24	25.07	6.34*
190.0	191.1	32.27	8.18	25.13	4.95*
200.3	201.4	32.33	8.12	25.19	

MAX DEPTH 207.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 29.13
 DATE 19/ 7/76
 TIME (PST) 1011

TAPE CZO/78/ 7- 46
 LONG W123 9.32
 PASS NO. 81
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.30	12.51	19.03	67.40
2.3	2.3	27.57	11.05	21.03	48.42
5.1	5.1	28.80	10.23	22.12	22.75
10.3	10.3	29.44	9.97	22.65	16.97
15.0	15.1	29.81	9.86	22.96	7.33
20.0	20.1	30.23	9.69	23.31	15.87
25.1	25.2	30.57	9.43	23.62	6.17
30.1	30.2	30.69	9.34	23.73	8.58
35.1	35.3	30.78	9.30	23.81	5.60
40.2	40.4	30.83	9.26	23.84	4.97*
45.1	45.3	30.85	9.21	23.87	4.59
50.0	50.3	30.87	9.19	23.89	6.45
60.0	60.3	30.96	9.15	23.96	6.17
70.1	70.4	31.19	9.02	24.16	6.12*
80.2	80.6	31.24	9.00	24.21	3.29*
90.0	90.5	31.28	8.99	24.24	4.93
100.1	100.6	31.45	8.85	24.39	6.24*
110.1	110.7	31.48	8.82	24.42	3.99*
120.0	120.6	31.55	8.77	24.48	7.45
130.1	130.8	31.66	8.68	24.58	3.68
140.1	140.8	31.70	8.64	24.62	+
150.3	151.1	31.73	8.63	24.64	3.30*
160.2	161.0	31.78	8.59	24.69	4.96*
170.3	171.1	31.83	8.55	24.74	5.51
180.1	181.1	32.04	8.37	24.93	10.49
190.3	191.4	32.44	8.02	25.29	7.34*
200.2	201.4	32.43	8.03	25.28	7.48
210.1	211.3	32.49	7.98	25.33	+
220.2	221.5	32.48	7.99	25.32	2.62*
230.3	231.6	32.50	7.97	25.34	5.42
240.1	241.5	32.56	7.92	25.40	6.24
250.2	251.7	32.62	7.87	25.45	2.96*
260.4	261.9	32.65	7.84	25.48	3.89*
270.2	271.8	32.66	7.83	25.49	3.09*
280.1	281.7	32.70	7.80	25.52	

MAX DERTH 284.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAWO STRAIT 1976
 LAT N48 29.43
 DATE 19/ 7/76
 TIME (PST) 1024

TAPE CZ0/78/ 7- 47
 LONG W123 8.40
 PASS NO. 83
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.14	11.61	20.61	60.50
2.2	2.2	26.74	10.78	21.98	39.08
5.1	5.2	29.17	10.47	22.37	22.99*
10.0	10.1	29.07	10.53	22.28	12.33
15.1	15.1	29.68	10.16	22.81	14.73
20.3	20.3	30.04	9.90	23.13	8.07
25.2	25.3	30.15	9.78	23.24	6.82
30.0	30.1	30.21	9.71	23.30	9.31*
35.3	35.4	30.40	9.53	23.47	7.92
40.1	40.3	30.47	9.49	23.53	5.54
45.2	45.4	30.57	9.44	23.62	11.47
50.1	50.4	30.72	9.35	23.75	10.65*
60.2	60.5	30.99	9.22	23.97	10.09*
70.1	70.4	31.07	9.13	24.06	4.55*
80.3	80.7	31.10	9.10	24.08	4.02*
90.2	90.6	31.18	9.06	24.15	4.33*
100.2	100.7	31.23	9.03	24.19	10.81
110.2	110.8	31.41	8.89	24.36	4.37*
120.1	120.7	31.45	8.86	24.39	4.09*
130.3	130.9	31.54	8.79	24.48	7.76
140.1	140.8	31.73	8.64	24.64	6.18*
150.2	150.9	31.85	8.54	24.75	6.81*
160.2	161.1	31.95	8.46	24.84	5.28*
170.4	171.3	32.08	8.35	24.96	6.66*
180.3	181.3	32.23	8.22	25.10	11.00
190.1	191.2	32.38	8.09	25.23	5.25
200.1	201.2	32.43	8.04	25.28	+
210.2	211.4	32.41	8.06	25.26	+
220.2	221.5	32.43	8.04	25.28	1.89*
230.2	231.5	32.45	8.02	25.30	1.95*
240.3	241.7	32.44	8.03	25.29	1.73*
250.0	251.5	32.43	8.04	25.28	+
260.1	261.6	32.42	8.05	25.27	3.38*
270.1	271.6	32.44	8.04	25.28	+
280.2	281.9	32.42	8.06	25.26	3.57*
290.3	292.0	32.48	8.00	25.32	6.19
300.1	301.9	32.64	7.87	25.47	4.85*
310.0	311.9	32.68	7.83	25.51	2.47*
320.0	321.9	32.69	7.82	25.51	

MAX DEPTH 320.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.26
 DATE 19/ 7/76
 TIME (PST) 1137

TAPE CZ0/78/ 7- 48
 LONG W123 15.34
 PASS NO. 85
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.14	12.15	20.51	31.48
2.2	2.2	27.31	11.47	20.75	15.43
5.0	5.0	27.29	11.42	20.75	8.47*
10.3	10.3	27.35	11.45	20.79	11.89
15.1	15.1	27.84	11.21	21.21	15.15
20.2	20.3	29.04	10.60	22.25	13.05
25.1	25.2	29.30	10.41	22.48	14.15*
30.1	30.2	29.73	10.06	22.87	13.25
35.0	35.2	30.05	9.83	23.15	6.53
MAX DEPTH 37.4					

CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.50
 DATE 19/ 7/76
 TIME (PST) 1143

TAPE CZ0/78/ 7- 49
 LONG W123 14.57
 PASS NO. 87
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.26	12.79	19.72	15.01
2.1	2.1	26.67	11.99	20.18	28.36
5.2	5.2	27.71	11.22	21.11	17.48
10.0	10.0	27.84	11.13	21.22	6.91
15.1	15.1	27.93	11.12	21.30	16.15*
20.2	20.3	28.93	10.48	22.18	17.50
25.1	25.2	29.20	10.18	22.44	12.30
30.1	30.2	29.49	10.08	22.68	13.21
35.1	35.2	29.78	10.01	22.92	11.22
MAX DEPTH 39.4					

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.77
 DATE 19/ 7/76
 TIME (PST) 1149

TAPE CZ0/78/ 7- 50
 LONG W123 13.68
 PASS NO. 89
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.92	12.83	19.45	77.80
2.2	2.2	27.62	11.22	21.04	42.03
5.2	5.2	28.03	11.14	21.37	10.87
10.2	10.2	28.31	11.21	21.58	10.68
15.0	15.1	28.47	10.94	21.75	12.07
20.1	20.1	28.94	10.56	22.17	19.92
25.0	25.1	29.23	10.23	22.45	5.86
30.2	30.3	29.28	10.18	22.50	8.69*
35.3	35.4	29.51	10.04	22.70	13.22
40.0	40.2	29.86	9.87	23.00	15.52
45.1	45.3	30.36	9.57	23.44	9.51
50.0	50.2	30.73	9.34	23.75	18.51*

MAX DEPTH 50.1

CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.94
 DATE 19/ 7/76
 TIME (PST) 1157

TAPE CZ0/78/ 7- 51
 LONG W123 13.09
 PASS NO. 91
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.87	12.93	19.39	84.07
2.1	2.1	27.98	11.13	21.33	40.39
5.1	5.1	28.31	11.40	21.54	8.26
10.3	10.3	28.67	10.84	21.92	18.63
15.2	15.2	29.14	10.33	22.36	15.67
20.3	20.4	29.51	9.98	22.71	12.25
25.0	25.1	29.57	9.91	22.77	8.81*
30.1	30.2	29.70	9.92	22.87	10.04
35.3	35.5	30.06	9.69	23.18	6.23
40.2	40.4	30.22	9.69	23.31	15.65
45.0	45.2	30.67	9.36	23.70	8.14
50.3	50.5	30.73	9.31	23.76	8.30*
60.1	60.4	30.97	9.16	23.97	8.08
70.3	70.6	31.28	8.95	24.24	10.33
80.1	80.5	31.57	8.74	24.51	+

MAX DEPTH 84.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.20
 DATE 19/ 7/76
 TIME (PST) 1209

TAPE CZ0/78/ 7- 52
 LONG W123 12.23
 PASS NO. 93
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.67	12.80	19.26	70.08
2.3	2.3	27.22	11.36	20.71	40.80
5.2	5.3	27.79	11.27	21.17	26.75
10.4	10.4	28.65	10.94	21.88	13.62
15.1	15.1	29.22	10.28	22.43	11.82
20.3	20.4	29.69	9.90	22.86	16.96
25.0	25.1	29.78	9.82	22.94	5.67
30.1	30.2	29.87	9.78	23.02	8.04
35.2	35.3	30.11	9.65	23.23	14.46
40.1	40.2	30.38	9.51	23.46	7.73
45.2	45.4	30.44	9.48	23.51	7.31
50.2	50.4	30.69	9.37	23.72	17.27*
60.3	60.5	30.94	9.20	23.94	7.38
70.2	70.6	31.40	8.88	24.35	11.06
80.1	80.6	31.53	8.77	24.47	7.04
90.2	90.7	31.77	8.58	24.69	8.63*
100.1	100.7	31.89	8.49	24.79	4.87*
110.4	111.0	32.03	8.37	24.92	7.04*
120.1	120.8	32.19	8.24	25.06	6.45*
130.1	130.9	32.31	8.13	25.17	6.33*

MAX DEPTH 136.4

CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.40
 DATE 19/ 7/76
 TIME (PST) 1220

TAPE CZ0/78/ 7- 53
 LONG W123 11.64
 PASS NO. 95
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.67	12.91	19.24	96.52
2.2	2.2	27.63	11.05	21.08	41.84
5.2	5.3	27.76	11.03	21.18	9.75
10.3	10.3	28.68	10.95	21.90	21.63
15.1	15.2	29.22	10.30	22.43	5.28
20.2	20.3	29.42	10.08	22.62	12.52
25.3	25.3	29.63	9.86	22.82	9.74
30.2	30.3	30.14	9.62	23.25	16.42
35.3	35.4	30.27	9.55	23.37	8.38
40.1	40.3	30.57	9.38	23.62	13.19*
45.1	45.3	30.70	9.33	23.74	8.42*
50.1	50.4	30.76	9.29	23.78	7.25
60.2	60.5	31.06	9.10	24.05	7.07
70.3	70.6	31.18	9.02	24.16	3.51
80.2	80.6	31.34	8.91	24.30	6.29
90.1	90.6	31.50	8.80	24.44	6.40
100.2	100.7	31.97	8.42	24.86	13.30
110.0	110.6	32.24	8.20	25.10	9.81

MAX DEPTH 112.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAWAII STRAIT 1976
 LAT N48 28.63
 DATE 19/ 7/76
 TIME (PST) 1228

TAPE CZ0/78/ 7- 54
 LONG W123 10.87
 PASS NO. 97
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.72	13.09	19.25	95.92
2.1	2.1	26.03	10.95	21.40	42.44
5.2	5.2	26.35	11.02	21.64	18.97
10.3	10.3	29.05	10.47	22.27	21.13
15.1	15.1	29.26	10.19	22.48	9.76*
20.0	20.1	29.46	9.95	22.68	10.86
25.2	25.2	29.62	9.86	22.81	8.82
30.2	30.3	29.90	9.76	23.04	14.30
35.1	35.3	30.34	9.61	23.41	10.29
40.0	40.2	30.45	9.52	23.51	7.78
45.3	45.4	30.54	9.43	23.59	6.82*
50.2	50.4	30.58	9.44	23.62	5.95
60.1	60.3	30.83	9.30	23.84	13.00
70.2	70.5	31.01	9.16	24.00	5.62*
80.2	80.6	31.13	9.10	24.10	9.19*
90.2	90.6	31.37	8.92	24.32	4.65
100.2	100.7	31.41	8.89	24.35	6.23
110.0	110.6	31.67	8.68	24.59	6.37
120.1	120.7	31.87	8.51	24.77	8.30*
130.1	130.8	32.02	8.38	24.91	6.17*
140.1	140.9	32.12	8.29	25.00	4.19*
150.1	151.0	32.15	8.27	25.03	4.77
160.0	160.9	32.24	8.20	25.11	4.57*
170.1	171.0	32.28	8.16	25.14	4.50
180.2	181.2	32.37	8.08	25.23	4.11*
190.1	191.2	32.39	8.07	25.24	3.40*
200.1	201.3	32.43	8.03	25.28	5.53*
210.3	211.5	32.42	8.04	25.27	+

MAX DEPTH 213.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 28.90
 DATE 19/ 7/76
 TIME (PST) 1240

TAPE CZ0/78/ 7- 55
 LONG W123 10.00
 PASS NO. 99
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.59	12.33	20.05	51.88
2.1	2.1	27.87	11.06	21.26	34.20
5.1	5.2	28.41	10.74	21.73	16.28
10.3	10.3	29.23	10.17	22.46	13.49
15.1	15.2	29.33	10.06	22.55	10.40
20.4	20.4	29.46	9.97	22.67	5.84
25.0	25.1	29.55	9.93	22.75	8.13*
30.0	30.1	29.66	9.86	22.84	12.02
35.1	35.2	29.96	9.77	23.09	14.43
40.1	40.2	30.16	9.79	23.24	8.68
45.1	45.2	30.39	9.64	23.44	12.75
50.3	50.5	30.67	9.44	23.70	5.15*
60.2	60.4	30.79	9.29	23.81	11.38
70.1	70.4	31.12	9.14	24.09	8.53*
80.1	80.5	31.18	9.06	24.15	4.12
90.1	90.5	31.41	8.88	24.36	9.89
100.0	100.5	31.56	8.77	24.49	4.82
110.2	110.8	31.59	8.75	24.52	+
120.2	120.8	31.75	8.62	24.66	6.77
130.2	130.9	31.93	8.47	24.82	9.30*
140.1	140.9	32.09	8.33	24.97	7.12
150.0	150.9	32.19	8.24	25.06	4.64
160.0	160.9	32.28	8.16	25.14	3.66*
170.3	171.3	32.30	8.14	25.16	2.87*
180.1	181.1	32.33	8.12	25.19	4.00
190.2	191.3	32.58	7.90	25.41	4.58
200.2	201.4	32.60	7.88	25.44	

MAX DEPTH 208.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HAKO STRAIT 1976

LAT N48 29.13

DATE 19/ 7/76

TIME (PST) 1253

TAPE CZO/78/ 7- 56

LONG W123 9.32

PASS NO.101

STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.21	11.05	21.52	18.39
2.1	2.1	28.28	10.94	21.60	11.23
5.2	5.2	28.34	10.89	21.66	8.45
10.3	10.4	29.06	10.28	22.31	14.54
15.1	15.2	29.38	10.10	22.59	14.12
20.2	20.3	29.58	9.99	22.76	8.81*
25.3	25.4	29.55	9.99	22.74	6.60
30.0	30.1	29.82	9.91	22.96	10.42
35.1	35.2	29.95	9.91	23.06	12.77*
40.1	40.3	30.50	9.59	23.54	13.48*
45.1	45.3	30.53	9.57	23.56	10.58*
50.2	50.4	30.72	9.42	23.74	7.26
60.3	60.5	30.91	9.26	23.91	6.65*
70.1	70.4	31.06	9.15	24.04	5.63
80.2	80.6	31.20	9.05	24.16	5.89*
90.2	90.6	31.33	8.95	24.28	6.00
100.2	100.7	31.57	8.75	24.50	8.64*
110.2	110.7	31.67	8.68	24.59	4.46*
120.1	120.7	31.84	8.55	24.74	8.74
130.3	131.0	31.92	8.47	24.81	5.32
140.3	141.1	31.95	8.45	24.85	1.76*
150.2	151.0	31.97	8.44	24.86	1.48*
160.1	161.0	31.96	8.44	24.85	1.90
170.1	171.0	31.98	8.42	24.87	9.40*
180.1	181.1	32.30	8.14	25.16	6.19*
190.1	191.2	32.32	8.13	25.18	4.85
200.2	201.4	32.39	8.07	25.24	4.78*
210.3	211.6	32.48	7.99	25.32	5.54
220.1	221.4	32.53	7.94	25.37	4.39*
230.3	231.7	32.61	7.87	25.44	2.92*
240.2	241.6	32.63	7.86	25.46	1.72*
250.2	251.7	32.64	7.85	25.47	+
260.2	261.8	32.63	7.85	25.46	+

MAX DEPTH 265.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HARC STRAIT 1976

LAT N48 29.43

DATE 19/ 7/76

TIME (PST) 1306

TAPE CZ0/78/ 7- 57

LONG W123 8.40

PASS NO.103

STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.43	11.63	21.60	+
2.3	2.3	28.47	11.34	21.67	18.48
5.1	5.1	28.85	10.78	22.06	20.68
10.3	10.3	29.34	10.19	22.54	13.53
15.1	15.1	29.45	10.23	22.62	4.77
20.1	20.2	29.46	10.23	22.63	4.44*
25.2	25.3	29.54	10.37	22.67	5.18
30.2	30.3	29.65	10.29	22.77	7.73
35.3	35.4	29.78	10.18	22.89	9.56*
40.2	40.3	30.08	9.87	23.17	14.00
45.1	45.3	30.32	9.70	23.38	12.71
50.1	50.3	30.58	9.53	23.61	9.43
60.3	60.5	30.98	9.23	23.97	11.53
70.2	70.5	31.18	9.06	24.15	4.18*
80.2	80.6	31.25	9.00	24.22	3.67*
90.0	90.5	31.28	8.98	24.24	10.37
100.1	100.6	31.56	8.76	24.49	3.47*
110.0	110.6	31.59	8.75	24.51	6.14*
120.1	120.7	31.66	8.69	24.58	8.80
130.3	131.0	32.07	8.35	24.95	7.70*
140.3	141.1	32.17	8.26	25.04	3.81*
150.2	151.1	32.19	8.24	25.06	3.90*
160.2	161.1	32.26	8.18	25.12	3.83*
170.1	171.1	32.25	8.20	25.11	1.87*
180.3	181.3	32.29	8.17	25.15	4.29*
190.2	191.3	32.27	8.18	25.14	+
200.2	201.3	32.32	8.14	25.17	3.36*
210.1	211.4	32.38	8.08	25.23	4.31*
220.0	221.3	32.45	8.02	25.29	2.94*
230.2	231.6	32.51	7.97	25.35	8.13*
240.2	241.7	32.53	7.95	25.37	+
250.0	251.5	32.56	7.93	25.39	+
260.3	261.9	32.58	7.91	25.42	2.41*
270.2	271.8	32.58	7.91	25.41	+
280.2	281.9	32.58	7.91	25.41	1.02*
290.4	292.1	32.59	7.90	25.43	1.51*
300.3	302.1	32.60	7.89	25.43	1.23*
310.3	312.1	32.60	7.89	25.43	

MAX DEPTH 314.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.26
 DATE 19/ 7/76
 TIME (PST) 1423

TAPE C20/78/ 7- 58
 LONG W123 15.34
 PASS NO.105
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.26	13.04	19.67	39.94*
2.2	2.2	27.05	11.93	20.48	33.44*
5.2	5.3	27.02	11.96	20.45	23.70*
10.0	10.0	27.63	11.27	21.04	25.81
15.1	15.2	28.98	10.47	22.22	38.56
20.1	20.2	29.65	10.10	22.79	17.62
25.2	25.3	30.33	9.69	23.39	5.70
MAX DEPTH	26.9				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 27.50
 DATE 19/ 7/76
 TIME (PST) 1429

TAPE CZ0/78/ 7- 59
 LONG W123 14.57
 PASS NO.107
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	25.98	13.47	19.38	55.65*
2.0	2.0	27.26	11.50	20.71	43.87*
5.0	5.0	27.34	11.50	20.78	26.20*
10.1	10.1	27.75	11.48	21.10	12.83
15.2	15.2	26.04	11.11	21.38	12.81
20.0	20.1	26.73	10.67	21.99	18.78
25.0	25.1	29.47	10.10	22.66	23.05
30.2	30.3	30.05	9.80	23.15	15.27
35.1	35.2	30.38	9.69	23.43	13.84

MAX DEPTH 39.0

CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 27.77
 DATE 19/ 7/76
 TIME (PST) 1436

TAPE CZ0/78/ 7- 60
 LONG W123 13.68
 PASS NO.109
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	25.59	13.72	19.03	46.98
2.0	2.0	26.64	11.91	20.17	37.81
5.1	5.1	27.27	11.40	20.74	13.75
10.3	10.3	26.22	11.16	21.51	17.65
15.1	15.1	26.34	11.16	21.61	10.24*
20.1	20.2	26.59	10.84	21.36	12.31
25.2	25.2	29.01	10.47	22.24	16.42
30.3	30.4	29.37	10.13	22.58	12.22
35.2	35.3	29.66	9.96	22.83	13.55
40.0	40.2	29.87	9.83	23.01	9.60
45.3	45.4	30.05	9.73	23.17	5.13
50.1	50.3	30.29	9.59	23.38	9.64

MAX DEPTH 54.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.94
 DATE 19/ 7/76
 TIME (PST) 1446

TAPE CZ0/78/ 7- 61
 LONG W123 13.09
 PASS NO.111
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.33	13.72	18.83	49.18
2.0	2.0	26.60	12.00	20.12	37.12
5.1	5.1	27.65	11.19	21.07	23.82
10.1	10.1	28.56	10.96	21.81	21.29
15.2	15.3	29.02	10.59	22.23	10.27
20.2	20.3	29.07	10.48	22.28	7.79
25.2	25.3	29.41	10.13	22.61	20.63
30.1	30.3	29.73	9.86	22.90	8.30
35.0	35.1	29.84	9.78	22.99	4.90
40.1	40.2	29.87	9.76	23.02	9.79*
45.2	45.4	30.52	9.44	23.58	12.09
50.2	50.5	30.59	9.41	23.63	

MAX DEPTH 57.7

CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 28.20
 DATE 19/ 7/76
 TIME (PST) 1453

TAPE CZ0/78/ 7- 62
 LONG W123 12.23
 PASS NO.113
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.74	13.31	19.22	60.09
2.1	2.1	27.19	11.65	20.63	40.18
5.0	5.0	28.19	10.93	21.53	21.62
10.3	10.3	29.26	10.30	22.46	20.83
15.0	15.1	29.30	10.26	22.50	3.97*
20.2	20.3	29.32	10.25	22.52	5.28
25.0	25.1	29.46	10.08	22.65	14.56
30.0	30.1	29.63	9.94	22.81	8.02
35.2	35.3	29.81	9.80	22.97	6.03
40.1	40.2	30.19	9.61	23.30	16.43
45.2	45.4	30.48	9.43	23.55	9.24
50.3	50.5	30.55	9.41	23.60	7.25*
60.2	60.5	30.80	9.28	23.82	7.75
70.0	70.3	31.02	9.12	24.01	8.57
80.1	80.5	31.23	8.97	24.20	9.64*
90.1	90.6	31.53	8.77	24.47	6.45
100.2	100.7	31.79	8.57	24.70	7.69
110.3	110.9	32.07	8.35	24.95	5.67
120.1	120.8	32.13	8.29	25.00	5.42
130.1	130.8	32.23	8.20	25.10	

MAX DEPTH 134.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 28.40
 DATE 19/ 7/76
 TIME (PST) 1503

TAPE CZ0/78/ 7- 63
 LONG W123 11.64
 PASS NO.115
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.79	13.33	19.26	68.51
2.2	2.2	27.39	11.25	20.85	42.42
5.2	5.3	28.33	10.70	21.67	13.22
10.0	10.0	29.22	10.36	22.42	21.21
15.1	15.1	29.72	9.91	22.88	7.14
20.3	20.3	29.83	9.81	22.99	6.78
25.0	25.1	29.90	9.78	23.04	4.01*
30.2	30.3	29.90	9.78	23.04	2.96
35.2	35.3	29.93	9.78	23.06	5.58
40.4	40.5	30.17	9.69	23.26	12.66
45.2	45.4	30.57	9.45	23.62	14.06*
50.2	50.5	30.61	9.39	23.66	4.57
60.1	60.3	30.74	9.32	23.77	5.17
70.1	70.4	30.90	9.20	23.91	7.11*
80.3	80.7	31.23	8.99	24.20	11.85
90.2	90.6	31.41	8.85	24.36	7.84
100.1	100.6	31.76	8.59	24.67	10.08
110.2	110.8	31.89	8.49	24.79	+

MAX DEPTH 117.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HAKO STRAIT 1976

LAT N48 28.63

DATE 19/ 7/76

TIME (PSI) 1511

TAPE CZ0/78/ 7- 64

LONG W123 10.87

PASS NO.117

STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.22	12.17	20.56	41.43
2.1	2.1	27.95	11.77	21.20	26.13
5.1	5.1	28.26	11.39	21.51	23.90
10.0	10.0	28.98	10.48	22.22	25.94
15.2	15.3	29.70	9.91	22.87	10.11
20.0	20.1	29.79	9.88	22.94	5.95*
25.1	25.2	29.81	9.83	22.95	3.46*
30.3	30.4	29.81	9.89	22.96	1.42*
35.2	35.3	29.82	9.88	22.97	6.37
40.2	40.3	29.96	9.86	23.08	10.30*
45.3	45.5	30.49	9.59	23.53	14.63*
50.2	50.4	30.65	9.43	23.68	9.79
60.0	60.3	30.81	9.32	23.62	7.40*
70.1	70.4	31.08	9.13	24.06	5.75
80.2	80.6	31.42	8.87	24.36	6.04*
90.1	90.6	31.60	8.73	24.53	5.51
100.0	100.5	31.65	8.68	24.58	5.25
110.2	110.8	31.89	8.49	24.79	4.71
120.2	120.8	31.95	8.44	24.84	3.46*
130.3	131.0	32.00	8.41	24.89	5.61
140.0	140.8	32.08	8.34	24.96	3.52*
150.2	151.0	32.13	8.29	25.01	4.61
160.1	161.0	32.17	8.26	25.04	4.16*
170.3	171.2	32.21	8.22	25.08	3.07*
180.1	181.2	32.27	8.17	25.13	6.71
190.1	191.2	32.38	8.08	25.23	5.19*
200.4	201.6	32.46	8.00	25.31	4.34
210.0	211.3	32.56	7.91	25.40	

MAX DEPTH 214.9

COASTAL ZONE OCLANOGRAPHY
 CRUISE NO. 3 HARO STRAIT 1976
 LAT N48 28.90
 DATE 19/ 7/76
 TIME (PST) 1525

TAPE CZ0/78/ 7- 65
 LONG W123 10.00
 PASS NO.119
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.26	11.97	21.41	36.08
2.1	2.1	28.70	11.08	21.90	27.72
5.3	5.3	29.03	10.72	22.22	12.12
10.1	10.1	29.17	10.27	22.39	10.69
15.3	15.3	29.62	9.95	22.80	10.75
20.3	20.4	29.73	9.88	22.89	5.30*
25.2	25.2	29.74	9.88	22.90	4.70*
30.1	30.2	29.81	9.87	22.96	6.48*
35.3	35.4	29.91	9.86	23.04	8.30*
40.1	40.3	30.10	9.83	23.19	11.07
45.2	45.3	30.34	9.69	23.39	9.97
50.2	50.4	30.78	9.36	23.79	18.79
60.2	60.4	31.04	9.19	24.02	10.50
70.0	70.4	31.20	9.04	24.17	5.10*
80.0	80.4	31.35	8.93	24.31	7.63
90.2	90.6	31.51	8.81	24.44	5.88*
100.1	100.6	31.63	8.71	24.55	8.07*
110.1	110.7	31.78	8.59	24.69	2.93*
120.1	120.8	31.79	8.57	24.70	4.73*
130.2	130.9	31.89	8.50	24.79	5.51*
140.2	141.0	32.05	8.36	24.93	6.73
150.3	151.1	32.15	8.28	25.02	4.26*
160.2	161.1	32.18	8.25	25.05	5.13*
170.1	171.1	32.40	8.06	25.25	7.79*
180.3	181.4	32.52	7.96	25.36	3.43*
190.1	191.2	32.56	7.91	25.40	2.57*
200.2	201.4	32.57	7.90	25.41	3.78
210.3	211.5	32.60	7.88	25.44	4.71
220.0	221.4	32.66	7.82	25.49	2.13
230.1	231.5	32.62	7.86	25.45	

MAX DEPTH 233.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 29.13
 DATE 19/ 7/76
 TIME (PST) 1536

TAPE CZ0/78/ 7- 66
 LONG W123 9.32
 PASS NO.121
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.73	12.29	20.17	47.64
2.2	2.2	27.70	11.81	21.00	28.02
5.3	5.3	27.95	11.62	21.23	17.47
10.2	10.2	28.20	11.40	21.46	10.60
15.0	15.1	28.93	10.84	22.11	30.98
20.2	20.3	29.33	10.46	22.49	9.99*
25.1	25.2	29.67	10.24	22.79	9.98
30.1	30.2	29.76	10.13	22.88	6.27
35.1	35.2	30.03	9.91	23.13	15.67
40.1	40.2	30.37	9.67	23.43	11.42
45.3	45.4	30.55	9.55	23.58	18.75
50.2	50.4	30.92	9.26	23.92	5.00
60.2	60.5	31.11	9.10	24.09	7.04*
70.2	70.5	31.16	9.08	24.13	7.96
80.0	80.4	31.45	8.86	24.39	6.78*
90.1	90.5	31.58	8.75	24.51	2.69*
100.2	100.8	31.59	8.74	24.52	5.26
110.3	110.8	31.69	8.66	24.61	3.23
120.1	120.7	31.73	8.63	24.64	3.61*
130.3	130.9	31.81	8.57	24.71	6.43*
140.2	141.0	31.90	8.49	24.80	8.41*
150.2	151.1	32.30	8.15	25.16	6.67*
160.3	161.2	32.38	8.08	25.23	2.26*
170.1	171.0	32.39	8.06	25.24	2.53*
180.1	181.1	32.42	8.04	25.27	3.40*
190.1	191.2	32.46	8.00	25.31	1.90*
200.2	201.4	32.46	8.00	25.31	4.12*
210.1	211.3	32.48	7.98	25.33	8.53
220.2	221.5	32.52	7.95	25.36	+
230.0	231.4	32.58	7.89	25.42	5.05*
240.2	241.7	32.63	7.84	25.47	7.93
250.2	251.7	32.81	7.67	25.63	

MAX DEPTH 251.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 29.43
 DATE 19/ 7/76
 TIME (PST) 1547

TAPE CZ0/78/ 7- 67
 LONG W123 8.40
 PASS NO.123
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.62	12.59	20.03	66.16
2.1	2.1	26.20	10.95	21.53	38.06
5.2	5.2	26.61	10.77	21.88	11.78
10.2	10.2	26.86	10.78	22.08	16.92*
15.0	15.1	29.50	10.28	22.65	15.11*
20.2	20.2	29.80	9.96	22.94	11.01*
25.0	25.1	29.86	9.97	22.98	8.64*
30.2	30.3	29.90	9.97	23.01	6.81*
35.1	35.2	30.02	9.97	23.10	12.19
40.3	40.4	30.24	9.81	23.30	11.17
45.2	45.4	30.70	9.44	23.71	11.11
50.1	50.3	30.92	9.26	23.92	8.83
60.2	60.5	31.15	9.09	24.12	6.64*
70.0	70.4	31.38	8.90	24.33	4.00*
80.1	80.5	31.41	8.89	24.35	7.03*
90.3	90.7	31.76	8.61	24.67	9.52
100.1	100.6	31.85	8.54	24.75	4.77
110.0	110.6	31.98	8.43	24.87	7.09*
120.2	120.8	32.09	8.33	24.97	6.83
130.0	130.8	32.14	8.29	25.02	.84*
140.1	140.9	32.15	8.28	25.02	2.33*
150.2	151.0	32.22	8.23	25.08	5.25*
160.3	161.2	32.32	8.13	25.18	5.66
170.0	171.0	32.33	8.12	25.19	2.12*
180.2	181.2	32.34	8.12	25.20	.93*
190.0	191.1	32.34	8.11	25.20	.81*
200.2	201.3	32.34	8.12	25.20	.89*
210.3	211.5	32.35	8.11	25.21	2.03*
220.3	221.6	32.35	8.10	25.21	4.25*
230.3	231.7	32.42	8.04	25.27	6.16
240.3	241.7	32.56	7.91	25.40	9.21
250.2	251.7	32.62	7.86	25.45	+
260.3	261.8	32.63	7.84	25.47	3.42*
270.0	271.6	32.67	7.80	25.50	4.84*
280.2	281.9	32.67	7.80	25.50	1.83*
290.3	292.1	32.69	7.79	25.52	4.17
300.2	302.0	32.75	7.73	25.58	3.07
310.1	312.0	32.79	7.69	25.61	

MAX DEPTH 314.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HAKO STRAIT 1976

LAT N48 27.26

DATE 19/ 7/76

TIME (PST) 1702

TAPE CZ0/78/ 7- 68

LONG W123 15.34

PASS NO.125

STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.16	12.97	19.60	+
2.2	2.2	26.38	12.88	19.80	17.64
5.1	5.1	27.01	12.25	20.39	26.05
10.3	10.3	26.01	11.37	21.32	14.06
15.1	15.2	26.16	11.24	21.45	5.94
20.1	20.2	26.33	11.16	21.60	13.37
25.0	25.1	26.91	10.72	22.12	12.61
30.1	30.2	26.97	10.65	22.18	11.71*
35.2	35.3	29.31	10.39	22.49	17.03
MAX DEPTH	38.1				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.50
 DATE 19/ 7/76
 TIME (PST) 1708

TAPE CZ0/78/ 7- 69
 LONG W123 14.57
 PASS NO.127
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.81	11.96	20.29	25.10
2.1	2.1	27.05	11.74	20.51	12.19
5.2	5.2	27.16	11.76	20.59	8.09
10.2	10.3	27.55	11.84	20.68	16.97*
15.1	15.1	26.26	11.19	21.54	12.66
20.1	20.2	26.48	11.02	21.74	14.74*
25.3	25.4	26.66	10.88	21.90	15.15*
30.2	30.3	29.24	10.43	22.43	21.96
35.0	35.1	29.73	10.02	22.87	14.54
40.1	40.2	30.79	9.28	23.81	14.53

MAX DEPTH 40.3

CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.77
 DATE 19/ 7/76
 TIME (PST) 1714

TAPE CZ0/78/ 7- 70
 LONG W123 13.68
 PASS NO.129
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	16.28	12.38	13.65	89.32
2.0	2.0	26.31	12.26	19.85	49.73
5.2	5.2	27.07	11.70	20.53	12.07
10.1	10.1	27.23	11.63	20.67	14.19*
15.2	15.2	27.93	10.90	21.33	19.16
20.1	20.2	26.51	10.59	21.83	18.49
25.2	25.3	26.90	10.57	22.14	14.84
30.3	30.4	29.33	10.33	22.51	11.12
35.3	35.4	29.81	9.91	22.95	21.66
40.2	40.4	30.47	9.50	23.53	16.67*
45.2	45.4	30.51	9.47	23.57	6.44*
50.2	50.4	30.69	9.35	23.72	5.83

MAX DEPTH 53.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 27.94
 DATE 19/ 7/76
 TIME (PST) 1725

TAPE CZ0/78/ 7- 71
 LONG W123 13.09
 PASS NO.131
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.12	12.76	19.62	9.74
2.1	2.1	26.37	12.24	19.90	18.41
5.1	5.1	27.02	11.53	20.53	9.99
10.1	10.1	27.61	11.77	20.93	14.65
15.1	15.1	27.88	10.91	21.29	21.14
20.2	20.2	26.61	10.55	21.92	12.38*
25.2	25.3	29.27	10.38	22.46	15.65
30.2	30.3	29.60	10.02	22.77	10.55
35.3	35.4	29.72	9.94	22.88	9.48
40.2	40.4	30.38	9.58	23.44	17.99
45.1	45.2	30.50	9.47	23.55	9.93
50.1	50.3	30.71	9.33	23.74	12.02

MAX DEPTH 57.8

CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 28.20
 DATE 19/ 7/76
 TIME (PST) 1732

TAPE CZ0/78/ 7- 72
 LONG W123 12.23
 PASS NO.133
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.96	12.84	19.47	.33
2.2	2.2	26.15	12.54	19.68	24.34
5.2	5.2	27.21	11.43	20.69	28.26
10.1	10.2	28.04	10.89	21.42	16.50
15.4	15.4	28.57	10.61	21.88	9.99
20.0	20.1	28.78	10.53	22.05	19.34*
25.2	25.3	29.39	9.78	23.03	11.96
30.0	30.1	30.04	9.68	23.16	8.82
35.2	35.4	30.09	9.64	23.21	8.98
40.3	40.4	30.31	9.54	23.39	7.20
45.1	45.3	30.43	9.48	23.50	7.62
50.2	50.4	30.60	9.41	23.64	10.07
60.2	60.5	30.94	9.17	23.95	14.56
70.1	70.5	31.22	8.99	24.19	9.52
80.1	80.5	31.47	8.82	24.41	8.03
90.1	90.5	31.66	8.66	24.59	7.89
100.2	100.8	31.74	8.61	24.65	4.14*
110.1	110.7	31.75	8.60	24.66	3.25*
120.2	120.8	31.81	8.55	24.72	6.66*
130.0	130.7	31.90	8.48	24.80	9.26

MAX DEPTH 137.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 28.40
 DATE 19/ 7/76
 TIME (PST) 1740

TAPE CZ0/78/ 7- 73
 LONG W123 11.64
 PASS NO.135
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	26.40	12.45	19.89	+
2.1	2.1	26.54	12.40	20.01	16.18
5.1	5.1	27.60	11.57	20.97	19.57
10.0	10.0	26.50	10.65	21.81	12.29
15.0	15.1	26.61	10.58	21.91	10.07
20.1	20.1	29.19	10.31	22.41	18.32
25.1	25.2	29.82	9.88	22.97	9.07
30.3	30.4	30.03	9.69	23.16	8.79
35.1	35.2	30.13	9.63	23.24	8.19
40.1	40.3	30.20	9.61	23.30	7.27*
45.1	45.2	30.37	9.53	23.45	9.11
50.1	50.3	30.52	9.44	23.58	7.38
60.1	60.3	30.78	9.30	23.80	12.57
70.1	70.5	31.17	9.02	24.15	13.31
80.2	80.6	31.48	8.80	24.42	7.41
90.1	90.5	31.69	8.64	24.61	6.07*
100.3	100.8	31.79	8.56	24.70	4.42*
110.2	110.8	31.83	8.53	24.73	2.87*
120.2	120.9	31.82	8.55	24.72	+
130.1	130.8	31.82	8.55	24.72	3.77

MAX DEPTH 133.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HAKO STRAIT 1976

LAT N48 28.63

DATE 19/ 7/76

TIME (PST) 1749

TAPE CZ0/78/ 7- 74

LONG W123 10.87

PASS NO.137

STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-v
.0	.0	26.09	12.98	19.55	73.90
2.2	2.2	26.13	11.09	21.46	38.90
5.0	5.0	26.40	10.99	21.68	10.79
10.0	10.0	26.62	11.08	21.83	14.06
15.3	15.3	29.18	10.56	22.36	12.67
20.1	20.1	29.53	10.12	22.70	13.05
25.3	25.4	29.61	10.01	22.78	6.65
30.2	30.3	29.84	9.85	22.98	12.24
35.3	35.4	30.04	9.71	23.16	4.29
40.1	40.3	30.18	9.66	23.28	7.73
45.2	45.4	30.34	9.60	23.41	10.41
50.3	50.5	30.57	9.48	23.61	11.52
60.1	60.4	30.92	9.19	23.93	5.75
70.4	70.7	31.17	9.02	24.15	8.56
80.3	80.7	31.50	8.81	24.43	9.34
90.3	90.7	31.64	8.69	24.56	4.13*
100.1	100.6	31.71	8.63	24.63	6.43
110.1	110.6	31.87	8.52	24.77	7.27*
120.1	120.8	31.91	8.47	24.81	3.72*
130.2	130.9	31.95	8.44	24.85	5.24
140.0	140.8	32.00	8.40	24.89	3.86*
150.1	150.9	32.05	8.36	24.94	4.02*
160.1	161.0	32.10	8.32	24.98	3.60
170.1	171.1	32.18	8.25	25.05	5.14*
180.0	181.1	32.26	8.18	25.13	3.39*
190.3	191.4	32.28	8.16	25.14	1.52*
200.2	201.4	32.30	8.14	25.16	5.28
210.1	211.3	32.37	8.08	25.22	6.22

MAX DEPTH 216.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 28.90
 DATE 19/ 7/76
 TIME (PST) 1800

TAPE CZ0/78/ 7- 75
 LONG W123 10.00
 PASS NO.139
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.41	12.65	19.86	152.48
2.0	2.0	27.93	11.35	21.26	71.74
5.1	5.1	28.34	11.09	21.62	14.91
10.3	10.3	28.62	10.99	21.85	14.78
15.2	15.2	29.57	10.27	22.71	20.89
20.3	20.4	29.81	9.92	22.95	11.31
25.3	25.4	29.93	9.82	23.06	8.56
30.4	30.5	30.03	9.74	23.15	5.10*
35.3	35.5	30.08	9.69	23.19	5.49*
40.1	40.3	30.13	9.71	23.23	5.33
45.2	45.4	30.18	9.74	23.27	8.36
50.1	50.3	30.58	9.49	23.62	18.01
60.0	60.3	30.97	9.21	23.96	9.35
70.2	70.5	31.12	9.11	24.09	7.05
80.2	80.6	31.42	8.87	24.37	11.90
90.0	90.5	31.72	8.64	24.64	5.32*
100.2	100.8	31.76	8.60	24.67	4.09*
110.3	110.9	31.80	8.56	24.71	2.53*
120.2	120.8	31.81	8.55	24.72	3.13*
130.1	130.8	31.86	8.51	24.76	4.93*
140.1	140.8	31.95	8.45	24.84	8.86
150.2	151.0	32.12	8.30	25.00	7.54*
160.1	161.0	32.17	8.25	25.05	3.41*
170.0	171.0	32.23	8.21	25.10	4.19
180.0	181.1	32.36	8.08	25.21	1.93*
190.1	191.2	32.36	8.08	25.22	5.41
200.3	201.5	32.49	7.95	25.34	4.08*
210.2	211.4	32.53	7.92	25.37	

MAX DEPTH 211.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 HAKO STRAIT 1976

LAT N48 29.13

DATE 19/ 7/76

TIME (PST) 1310

TAPE CZ0/78/ 7- 76

LONG W123 9.32

PASS NO.141

STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	25.20	12.57	18.94	17.81
2.4	2.4	26.66	12.40	20.09	38.03
5.1	5.1	26.07	11.18	21.39	30.52
10.3	10.3	26.54	11.08	21.77	14.14
15.0	15.1	29.77	10.15	22.88	29.89
20.2	20.2	29.86	9.96	22.98	9.83
25.4	25.5	30.02	9.87	23.12	8.25*
30.3	30.4	30.04	9.88	23.13	4.26
35.1	35.3	30.08	9.89	23.16	5.56*
40.1	40.3	30.19	9.83	23.26	9.58
45.1	45.3	30.46	9.58	23.51	19.30
50.2	50.4	30.73	9.39	23.75	10.93
60.1	60.4	30.83	9.32	23.84	5.64
70.3	70.6	30.98	9.22	23.97	7.42
80.0	80.4	31.28	8.99	24.24	10.31
90.3	90.8	31.50	8.81	24.43	5.92*
100.3	100.8	31.68	8.67	24.60	7.98*
110.1	110.6	31.75	8.61	24.66	5.62
120.2	120.8	31.84	8.53	24.75	4.52*
130.1	130.8	32.01	8.39	24.90	9.83
140.1	140.9	32.13	8.29	25.00	5.10*
150.3	151.1	32.23	8.19	25.10	3.72*
160.3	161.2	32.23	8.19	25.10	2.43*
170.0	171.0	32.27	8.15	25.14	3.84*
180.2	181.2	32.32	8.11	25.18	5.04*
190.1	191.2	32.43	8.01	25.28	4.23*
200.3	201.5	32.45	8.00	25.30	5.45*
210.1	211.3	32.60	7.86	25.44	6.75
220.1	221.4	32.61	7.85	25.44	+
230.0	231.4	32.61	7.85	25.45	+
240.2	241.6	32.58	7.88	25.42	3.01
250.1	251.6	32.72	7.75	25.54	7.27*
260.2	261.9	32.85	7.62	25.67	+

MAX DEPTH 265.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 HAKO STRAIT 1976
 LAT N48 29.43
 DATE 19/ 7/76
 TIME (PST) 1822

TAPE CZ0/78/ 7- 77
 LONG W123 8.40
 PASS NO.143
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.09	12.08	20.48	86.59
2.4	2.4	28.57	10.68	21.67	37.06
5.2	5.2	28.77	10.86	21.99	18.07
10.1	10.2	29.66	10.29	22.77	18.15
15.2	15.3	29.90	10.05	23.00	9.19
20.2	20.2	29.98	9.93	23.08	7.31*
25.3	25.4	30.01	9.94	23.10	7.68
30.0	30.2	30.18	9.80	23.26	10.31
35.1	35.2	30.27	9.73	23.34	9.10*
40.1	40.2	30.35	9.68	23.41	6.97
45.1	45.3	30.39	9.64	23.45	8.86
50.3	50.5	30.52	9.54	23.57	11.26
60.0	60.3	30.86	9.30	23.86	7.44
70.4	70.7	31.17	9.07	24.14	7.62
80.0	80.4	31.36	8.92	24.31	8.57*
90.3	90.8	31.70	8.65	24.62	2.24*
100.1	100.6	31.72	8.64	24.64	3.62*
110.1	110.7	31.76	8.60	24.67	6.70*
120.1	120.8	31.94	8.44	24.84	7.05
130.2	130.9	32.09	8.32	24.97	4.55*
140.2	141.0	32.19	8.23	25.06	3.38*
150.0	150.9	32.21	8.22	25.08	1.77*
160.0	160.9	32.21	8.21	25.08	2.13*
170.0	171.0	32.26	8.18	25.13	4.00*
180.2	181.2	32.32	8.11	25.18	1.59
190.0	191.1	32.33	8.11	25.19	4.56
200.2	201.4	32.33	8.11	25.19	+
210.0	211.2	32.33	8.11	25.19	3.27*
220.4	221.6	32.33	8.12	25.18	+
230.2	231.6	32.39	8.05	25.25	4.33*
240.3	241.6	32.41	8.04	25.26	2.24*
250.2	251.7	32.53	7.95	25.37	10.99
260.1	261.7	32.54	7.95	25.37	+
270.2	271.8	32.67	7.82	25.50	4.95*
280.1	281.8	32.73	7.77	25.55	4.52*
290.2	292.0	32.81	7.68	25.63	5.48
300.1	302.0	32.86	7.64	25.67	2.62*
310.2	312.1	32.86	7.64	25.68	
320.1	322.1	32.87	7.63	25.68	

MAX DEPTH 322.0

References

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- Fofonoff, N.P. (1962) *Physical properties of sea water*. The Sea, Vol. 1, p. 9.
- Webster, I. (1977) *A physical oceanographic study of Haro Strait; a data summary and preliminary analysis*. Contractor Report Series 77-3, Institute of Ocean Sciences, Patricia Bay.

FIGURES

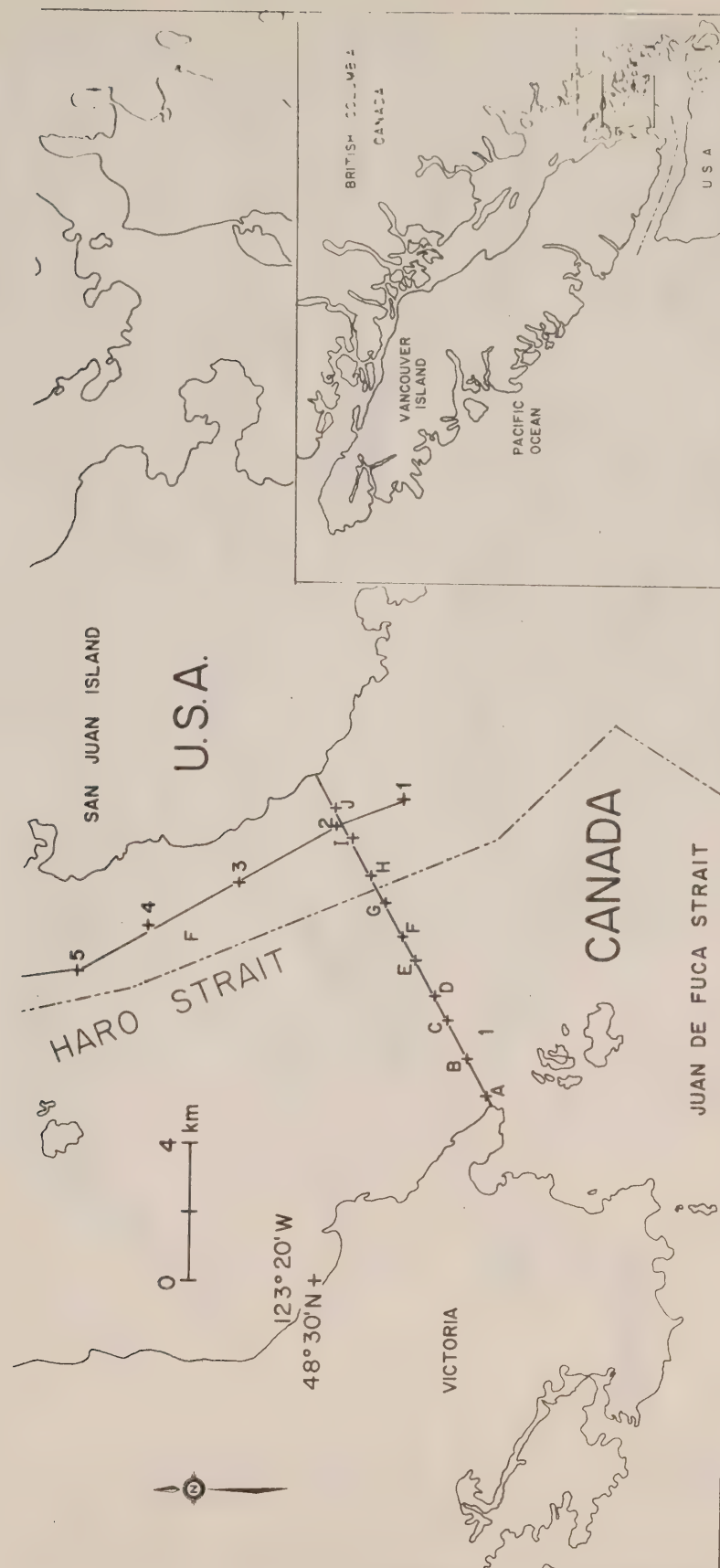


FIGURE 1 Stations of Line 1 and first half of Line F
Map of Haro Strait and Stations

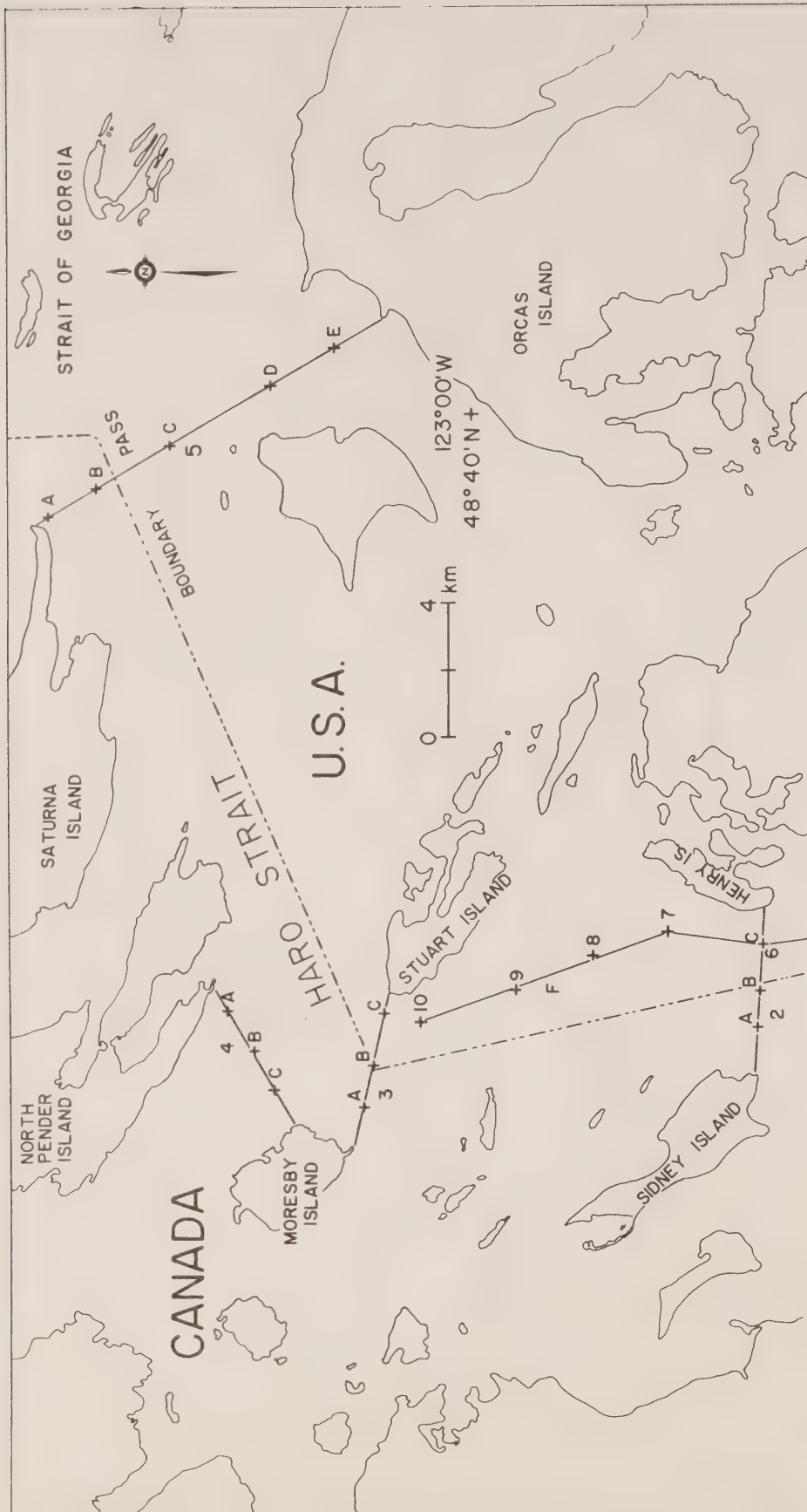


FIGURE 2 Stations of Lines 2, 3, 4, 5 and second half of Line F
Map of Haro Strait and Stations

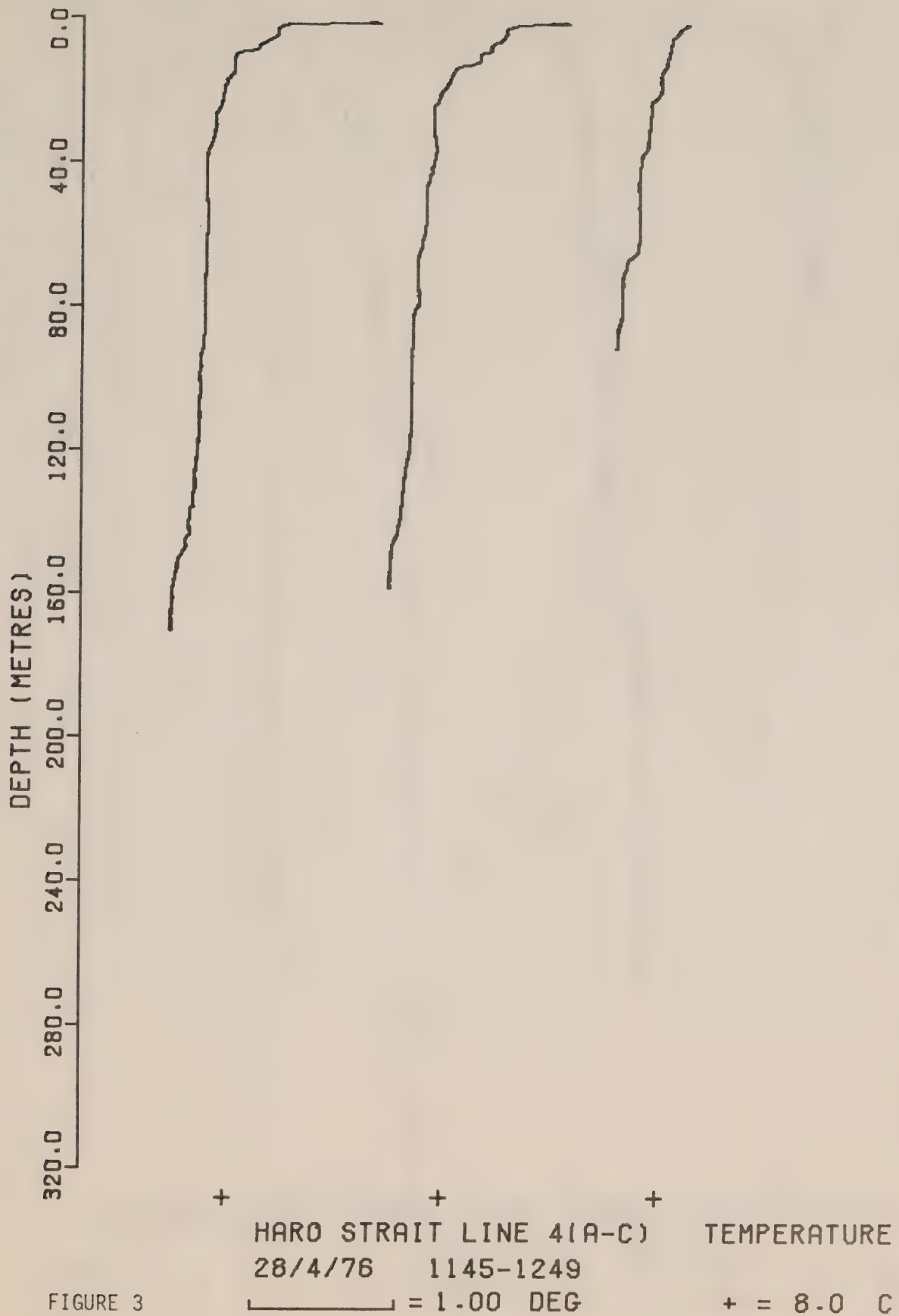


FIGURE 3

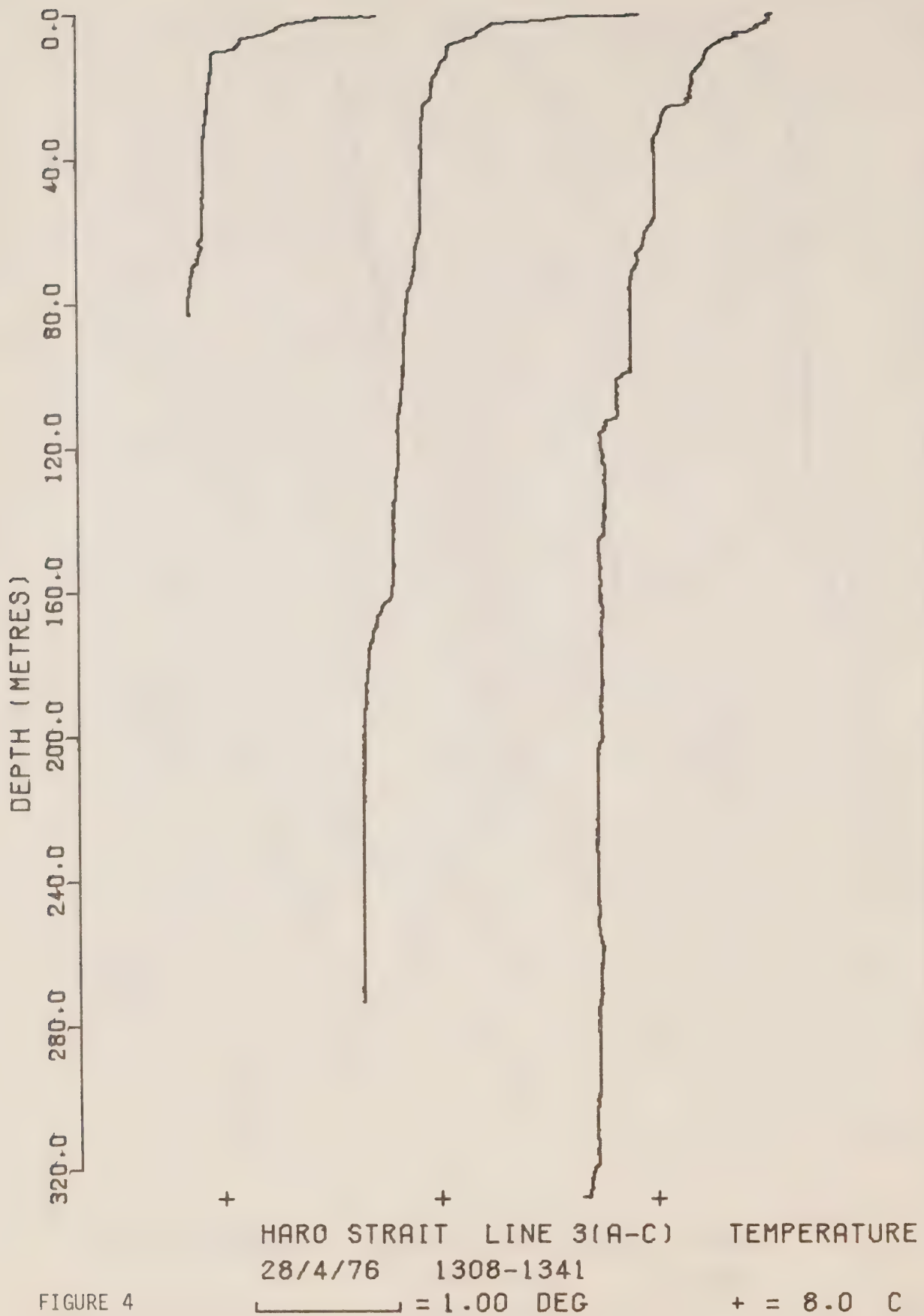


FIGURE 4

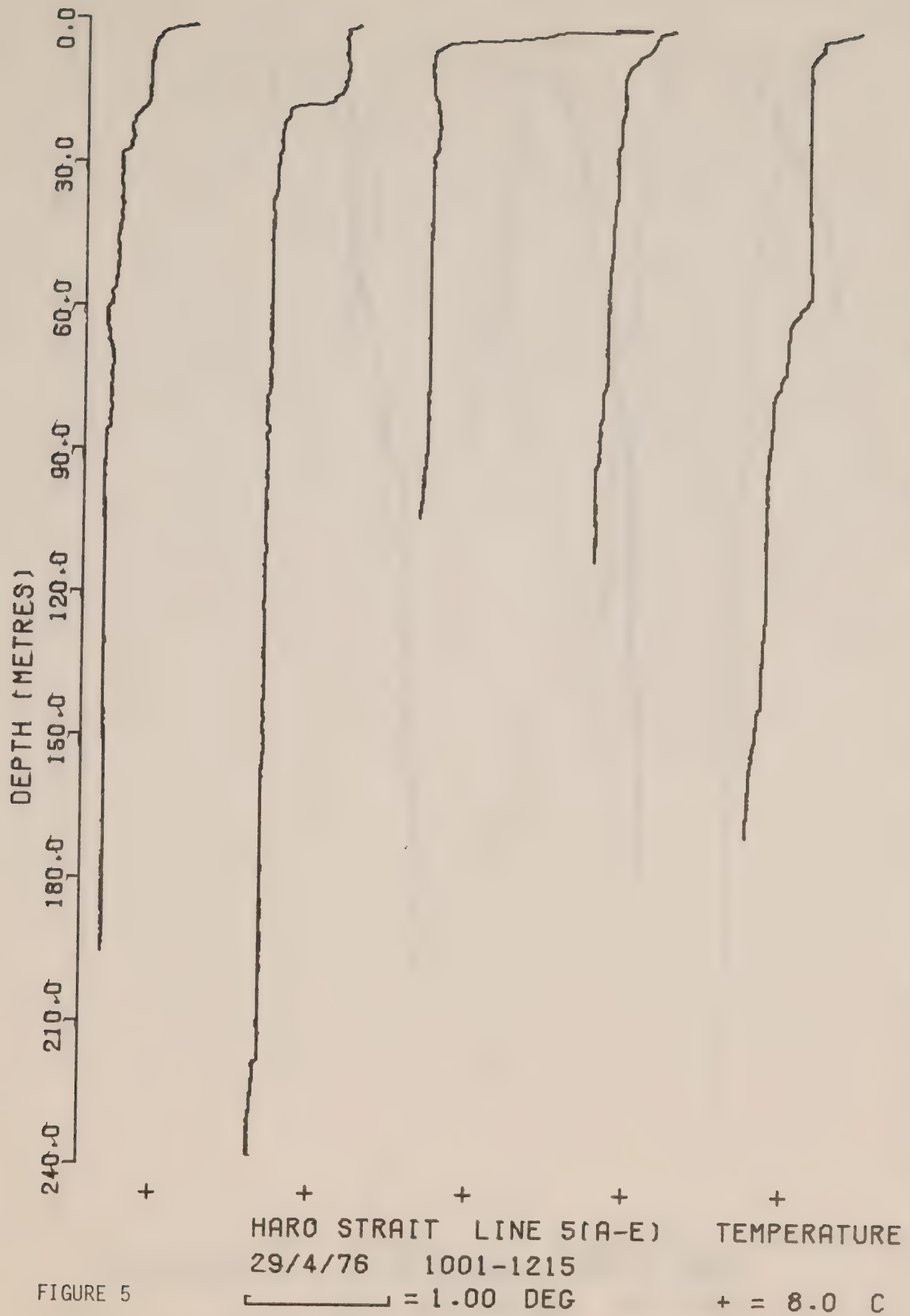


FIGURE 5

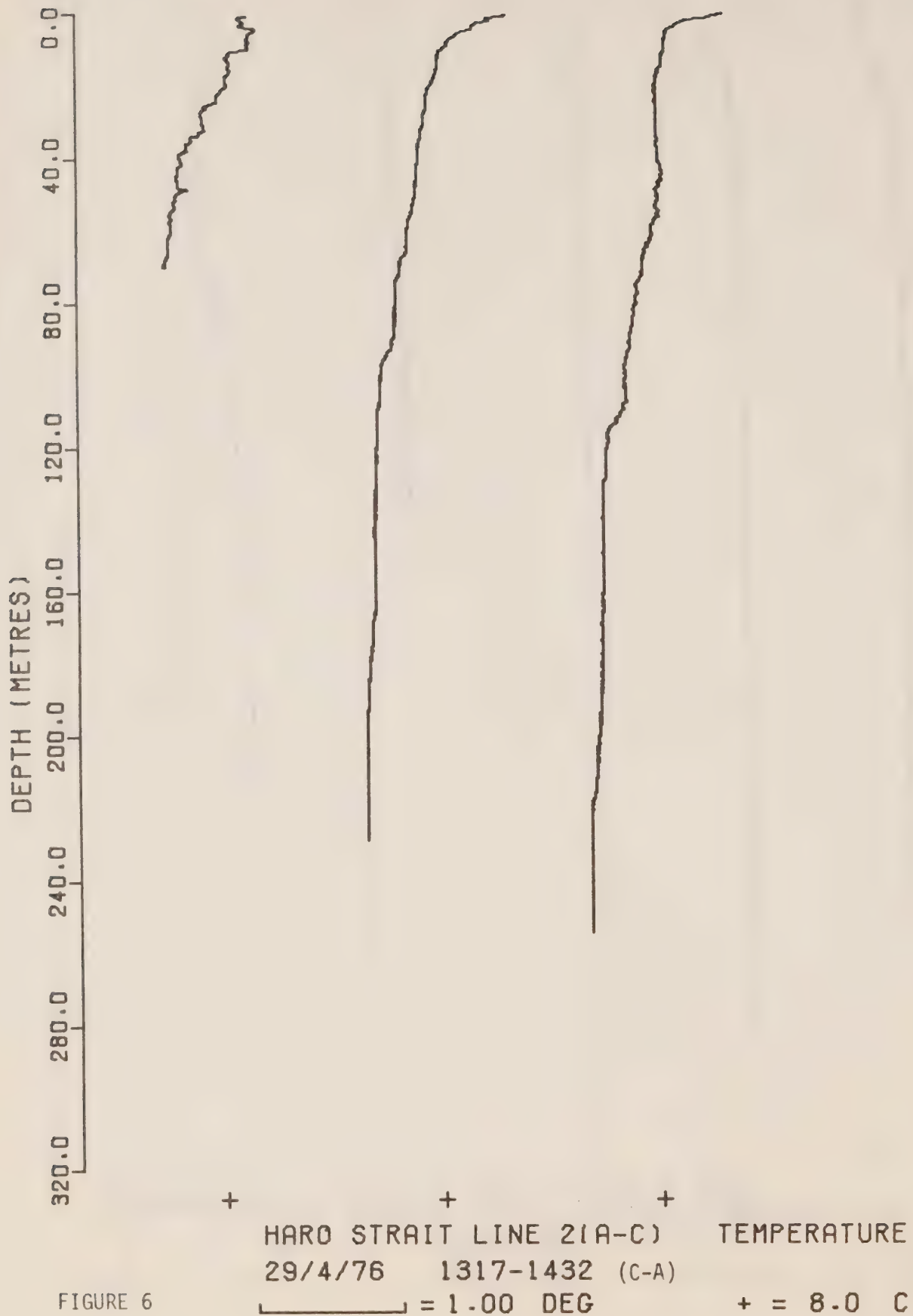


FIGURE 6

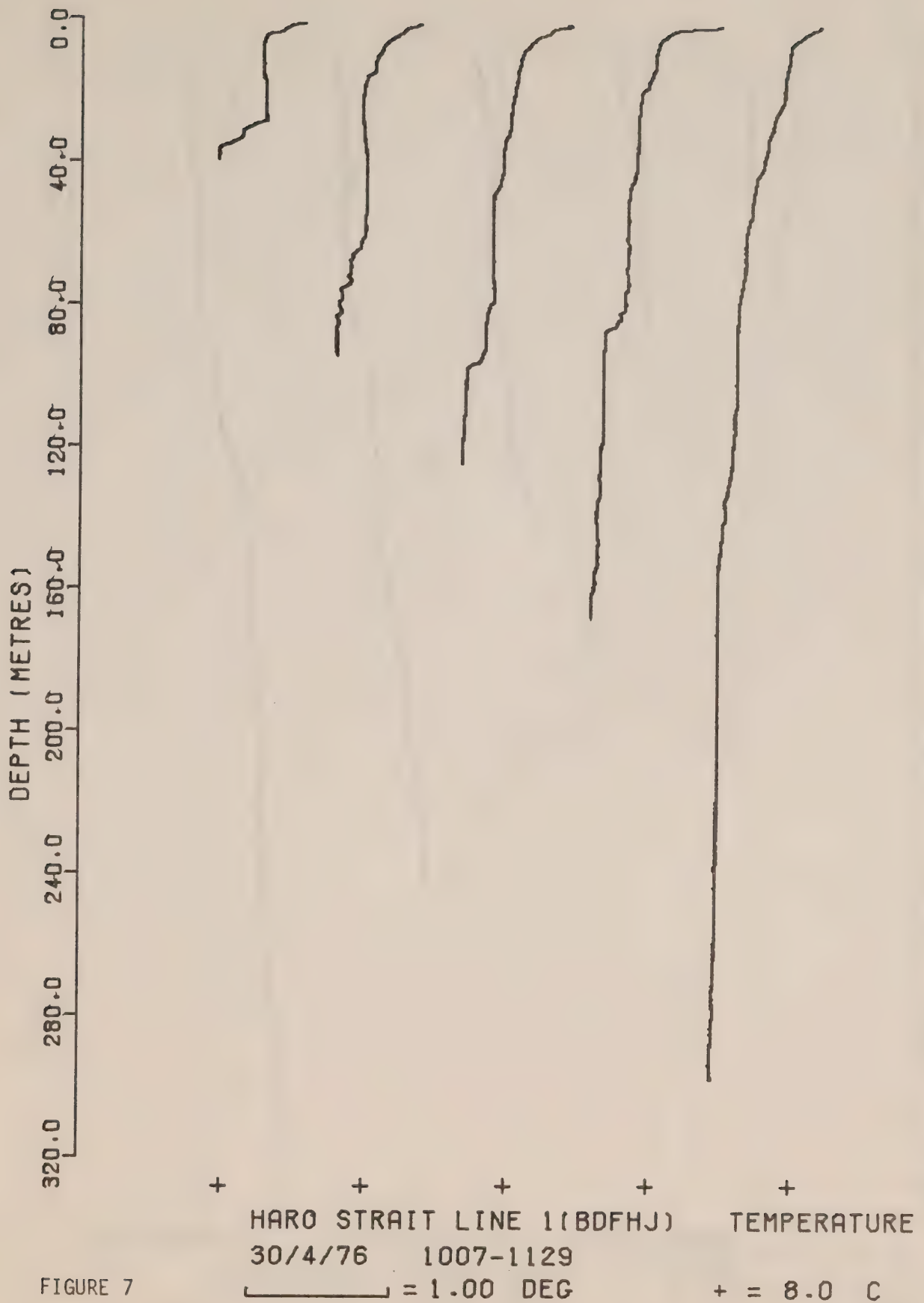


FIGURE 7

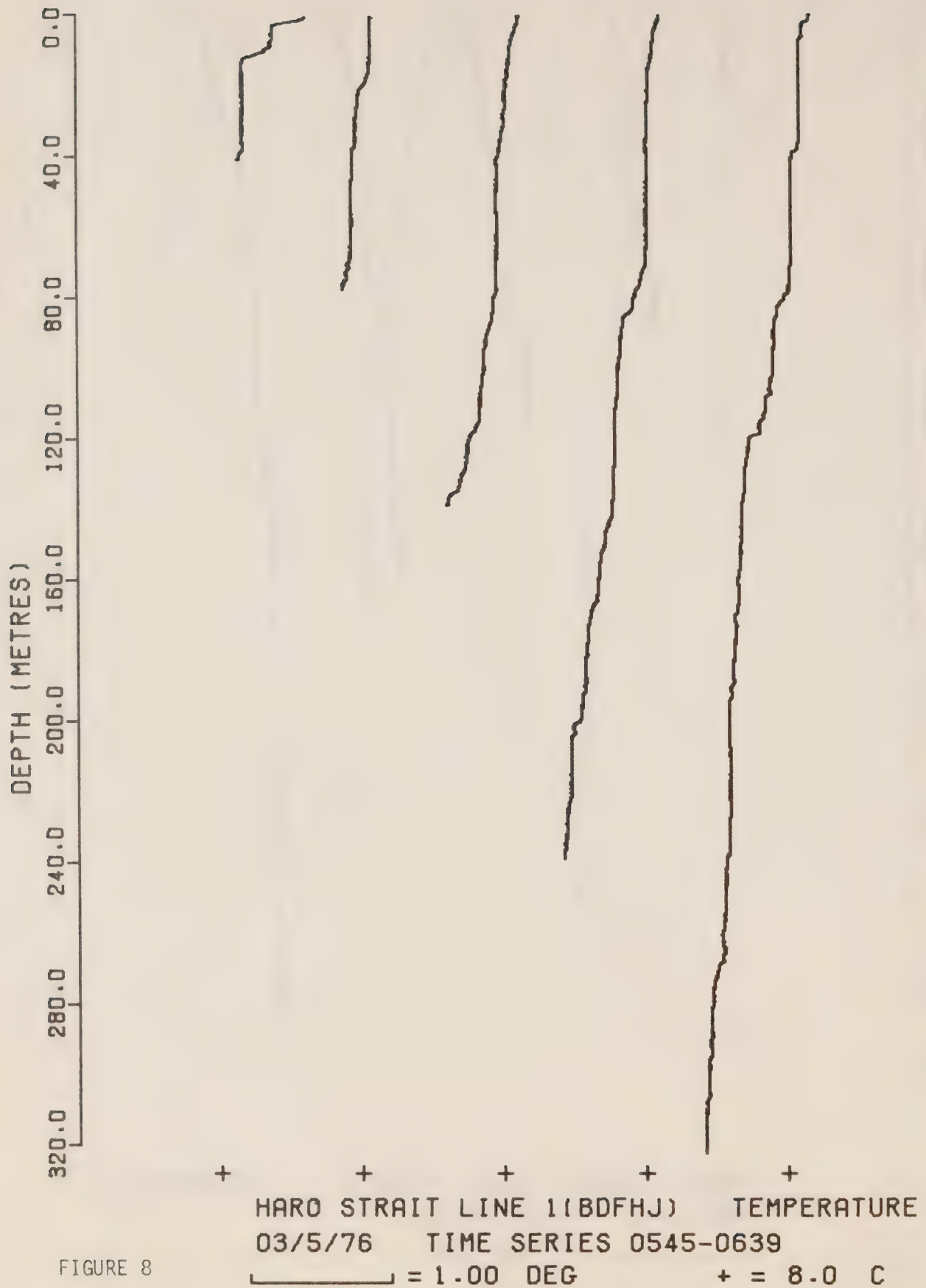


FIGURE 8

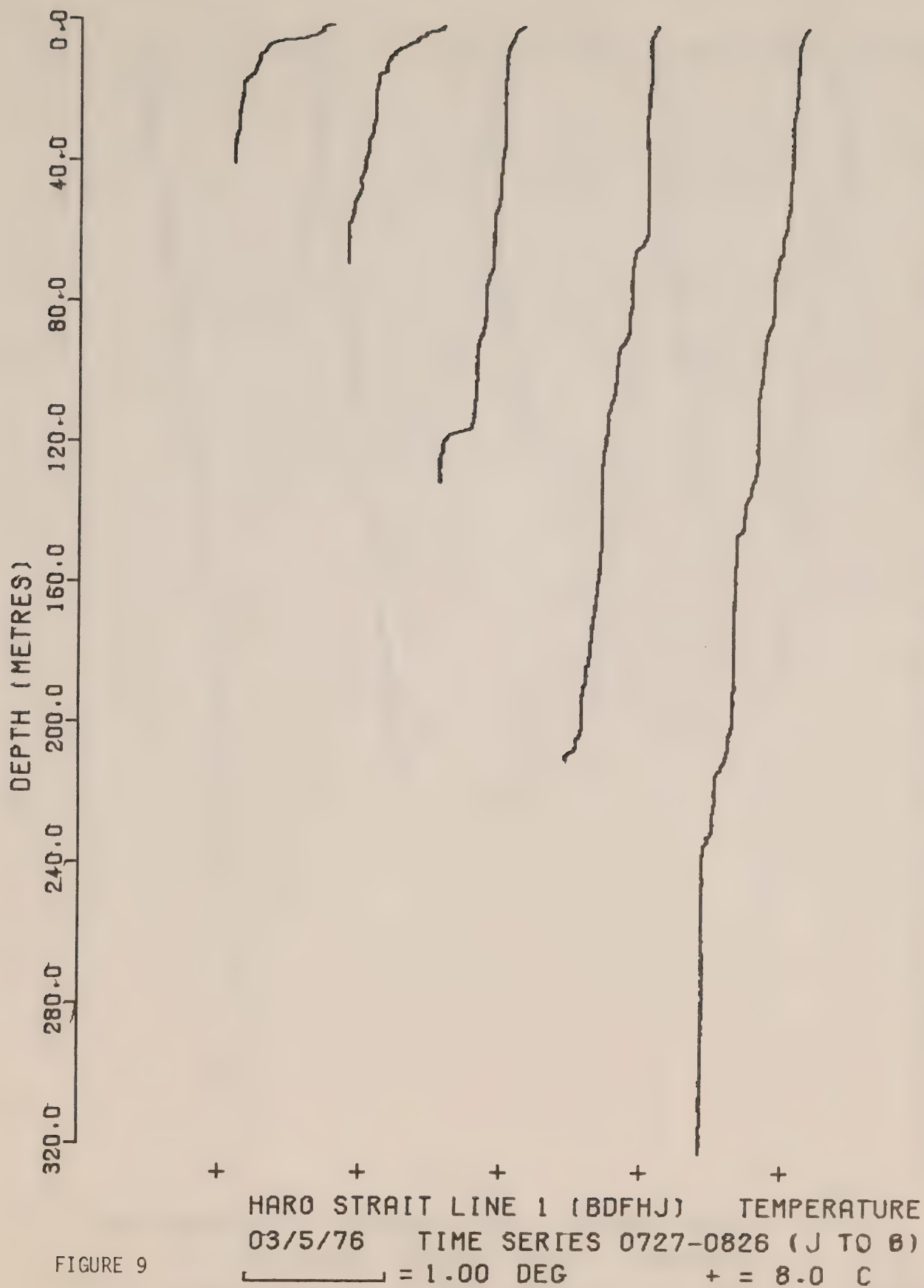


FIGURE 9

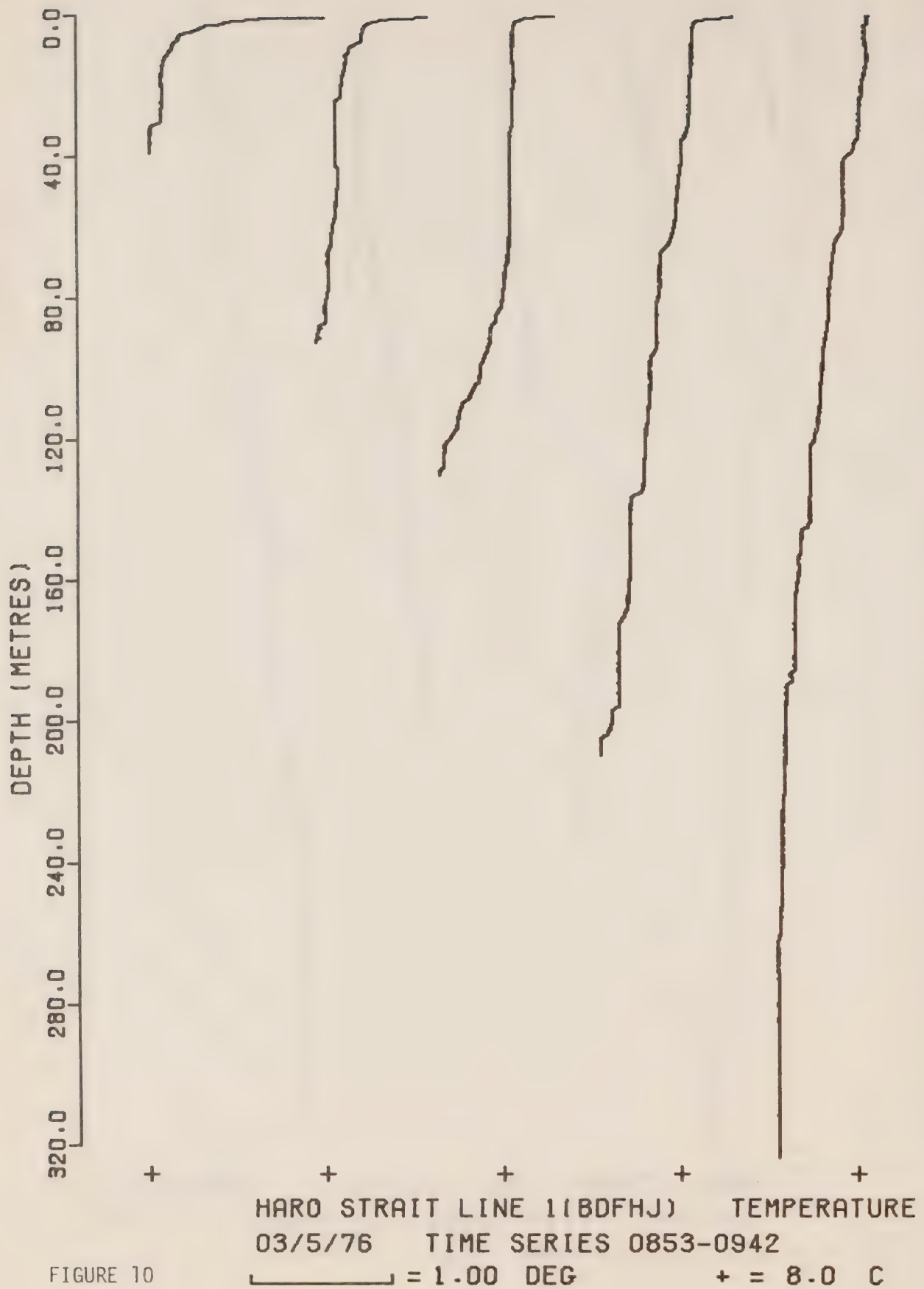


FIGURE 10

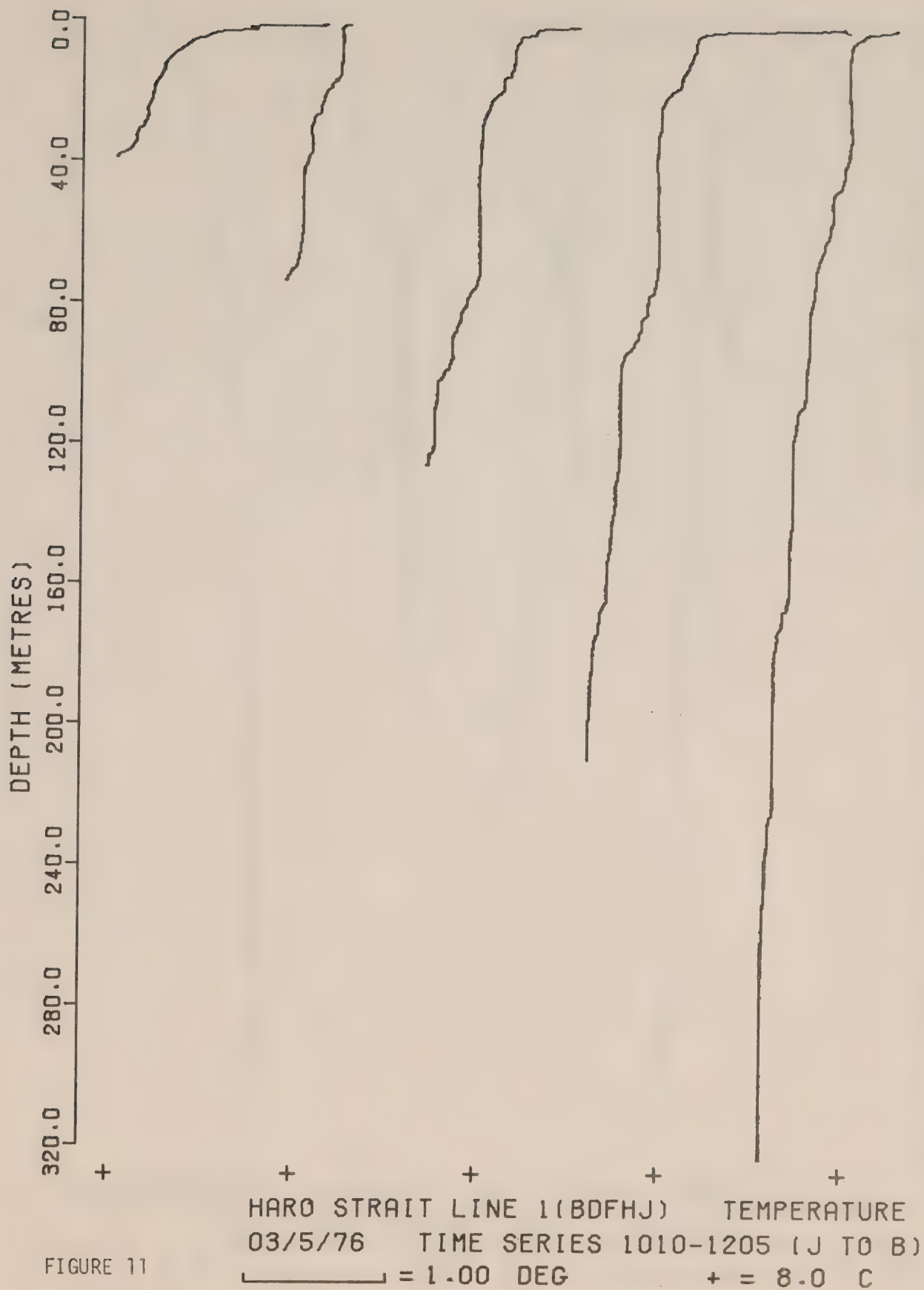


FIGURE 11

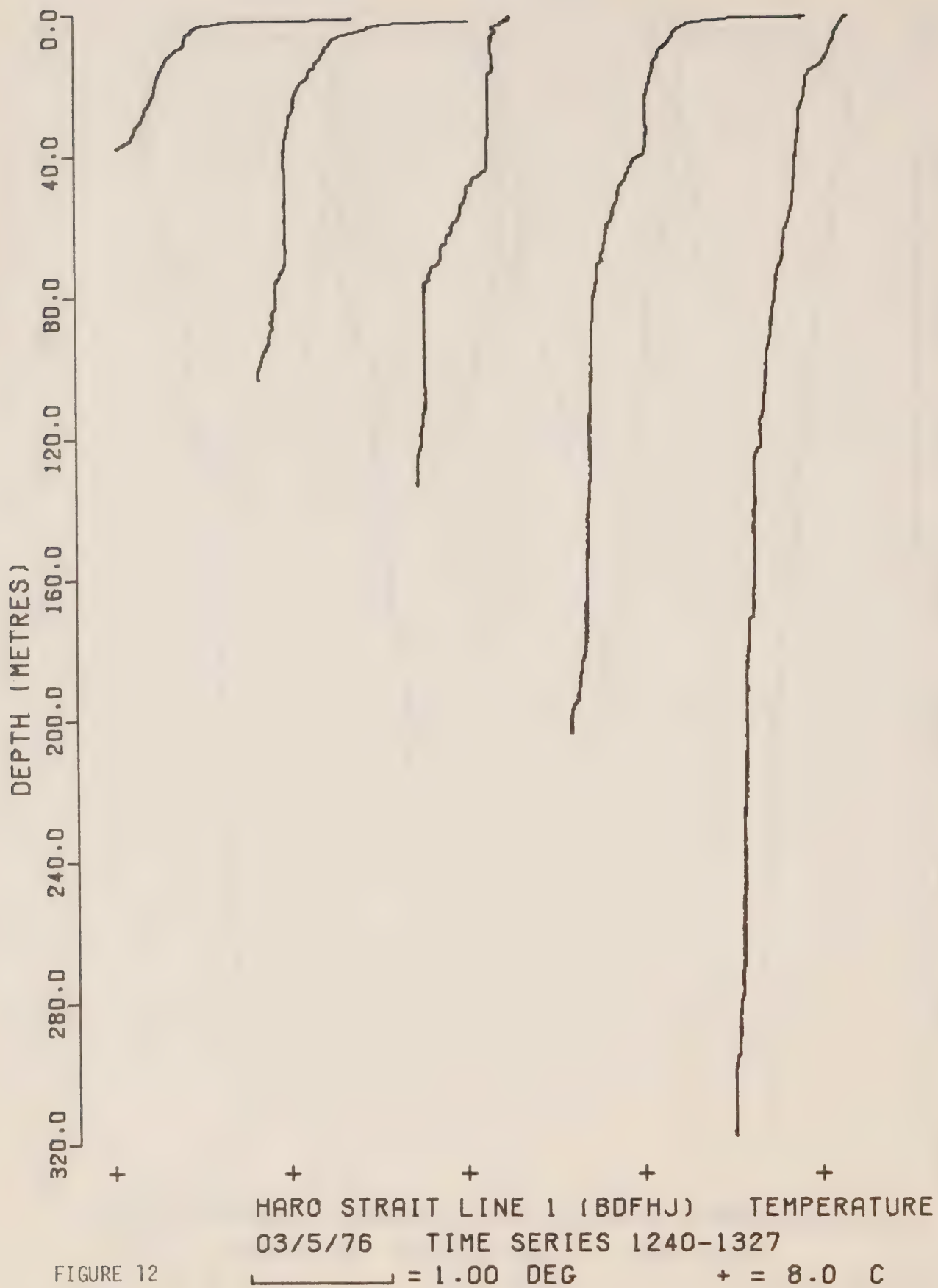


FIGURE 12

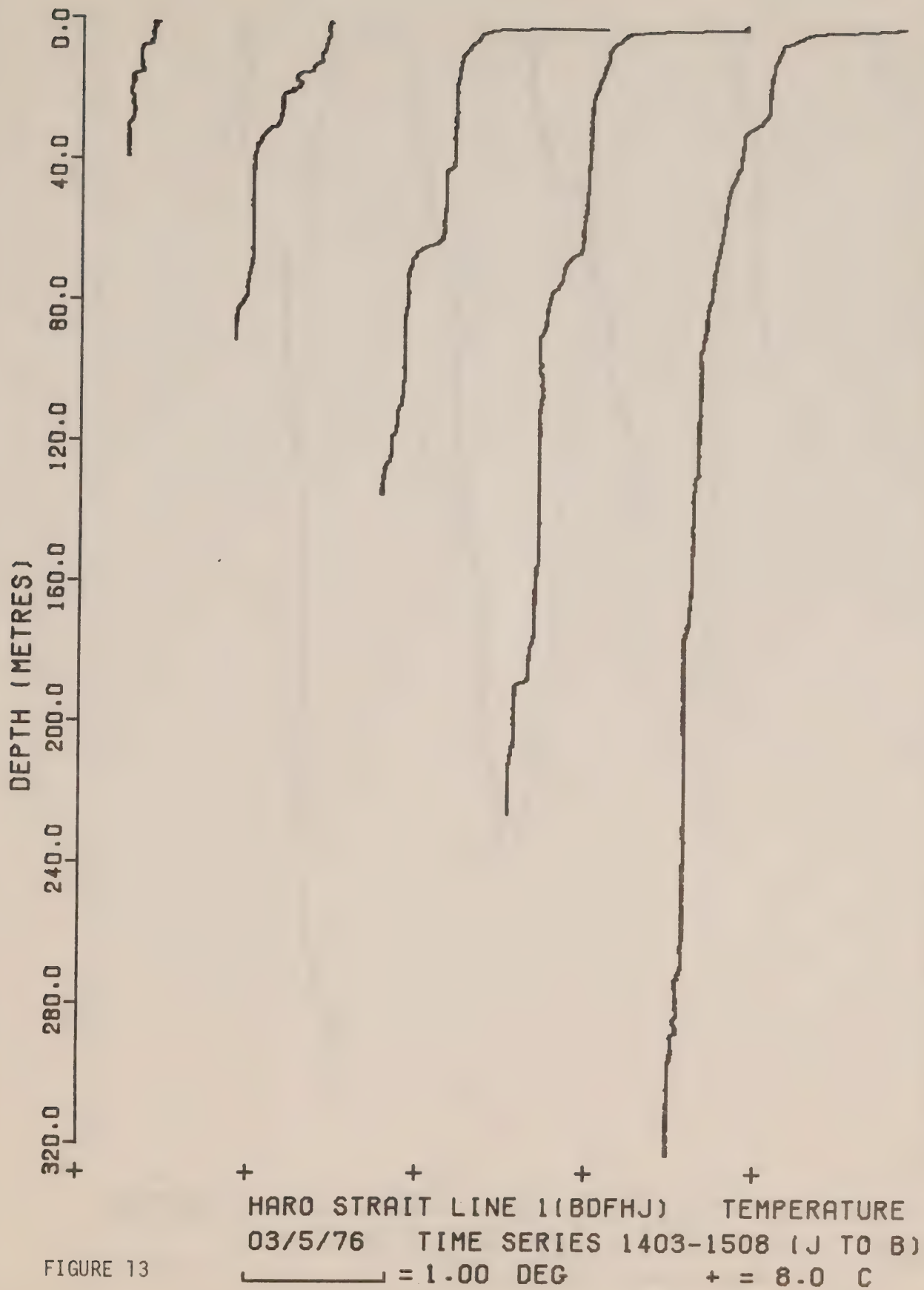


FIGURE 13

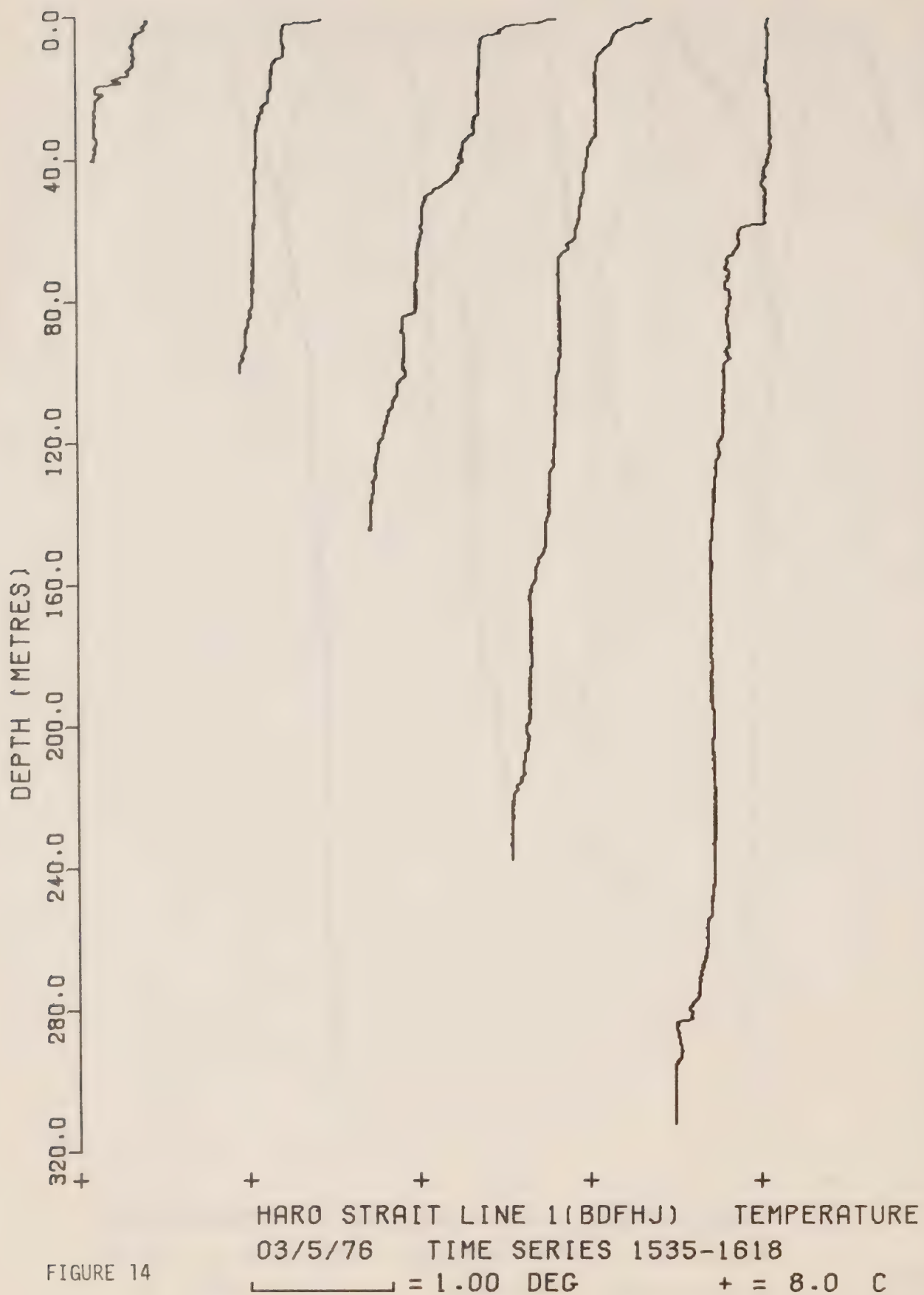


FIGURE 14

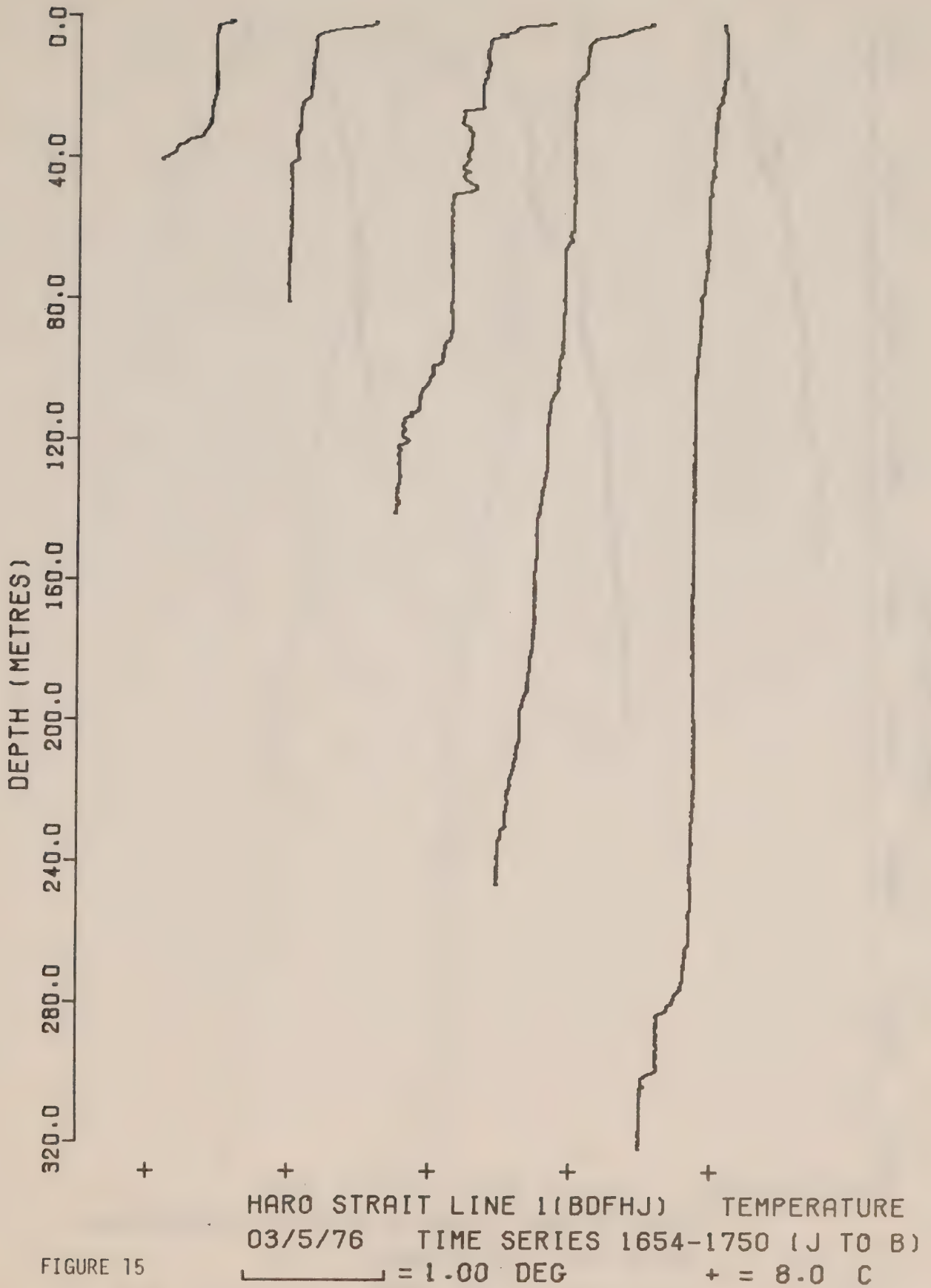


FIGURE 15

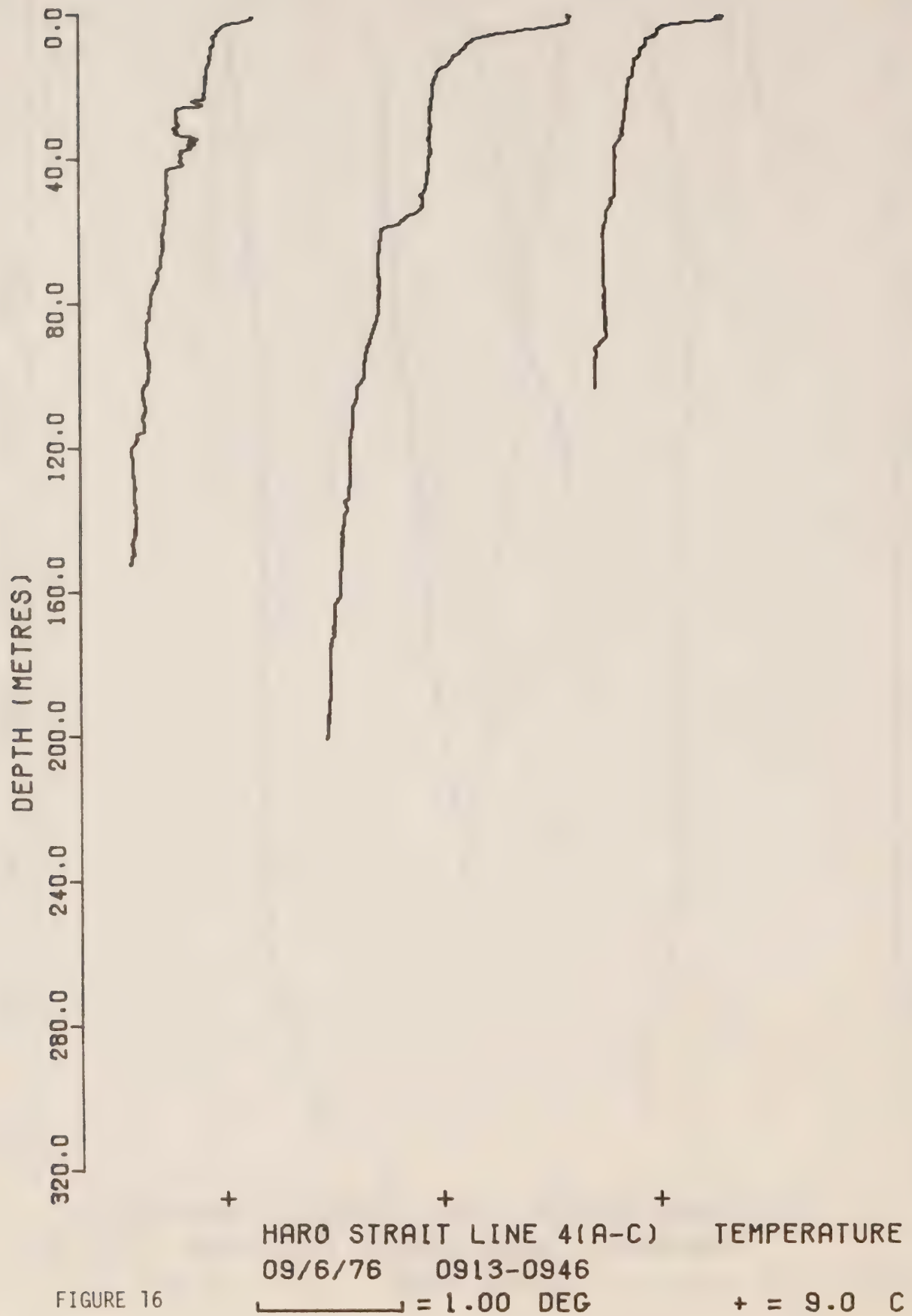


FIGURE 16

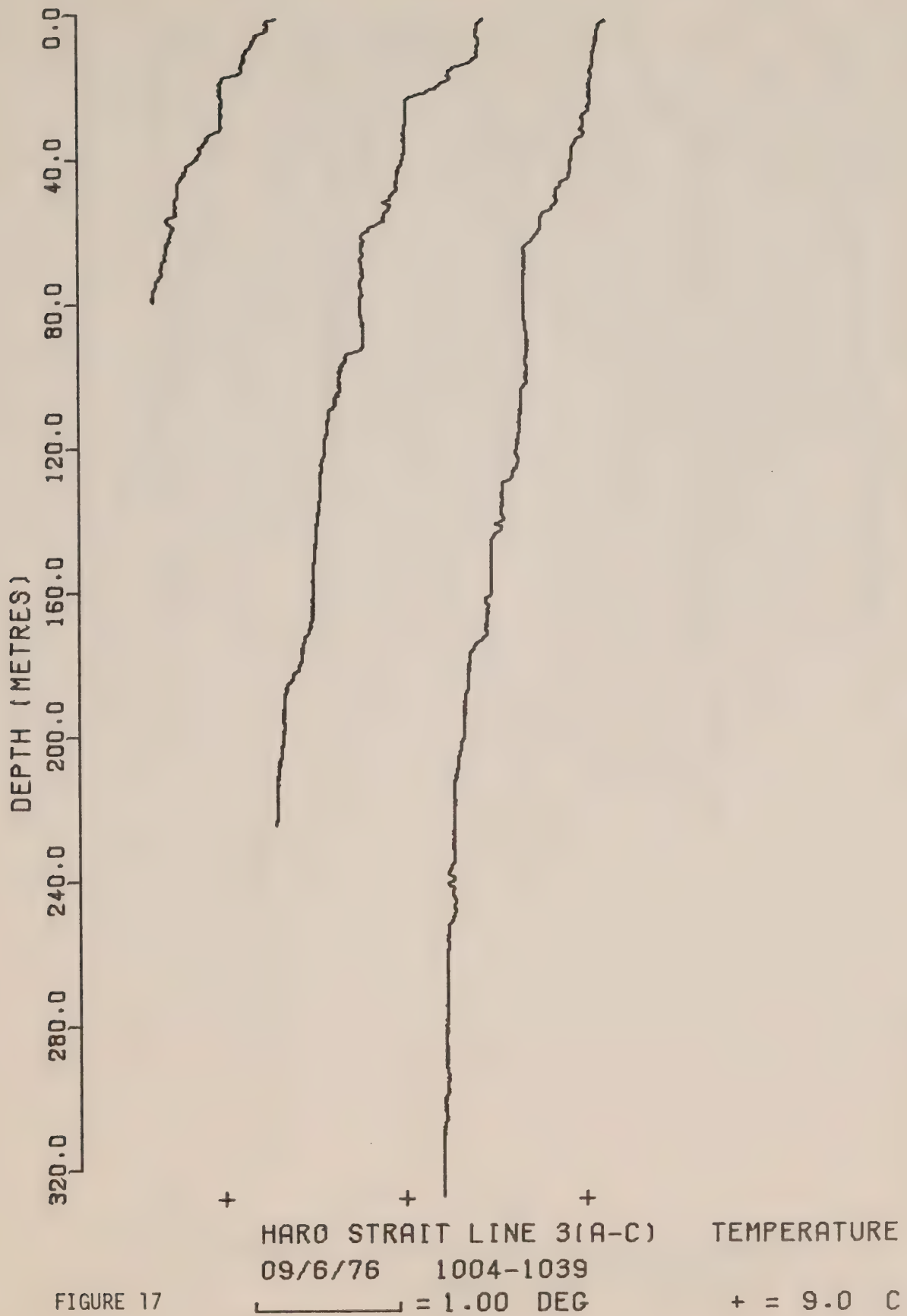


FIGURE 17

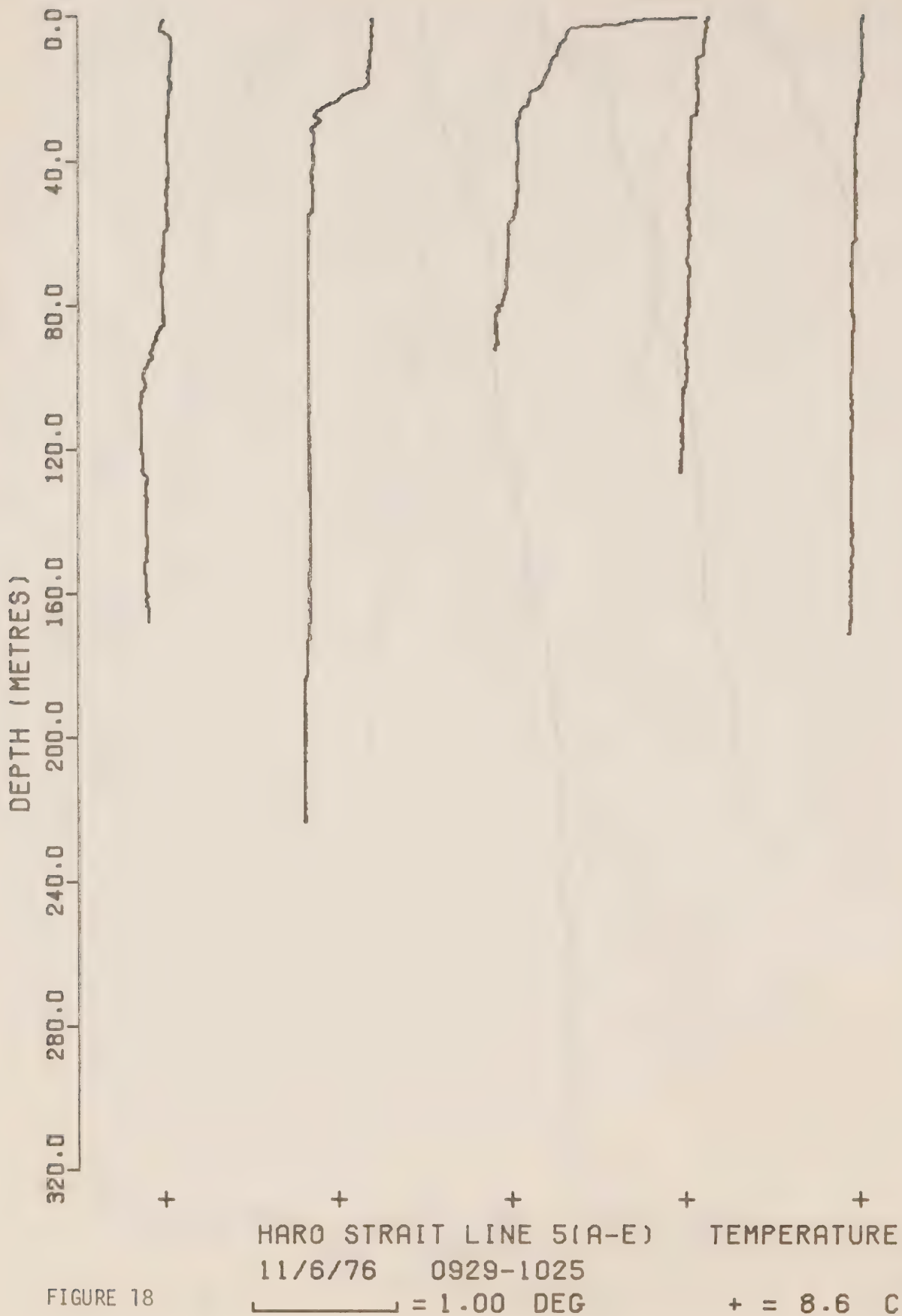


FIGURE 18

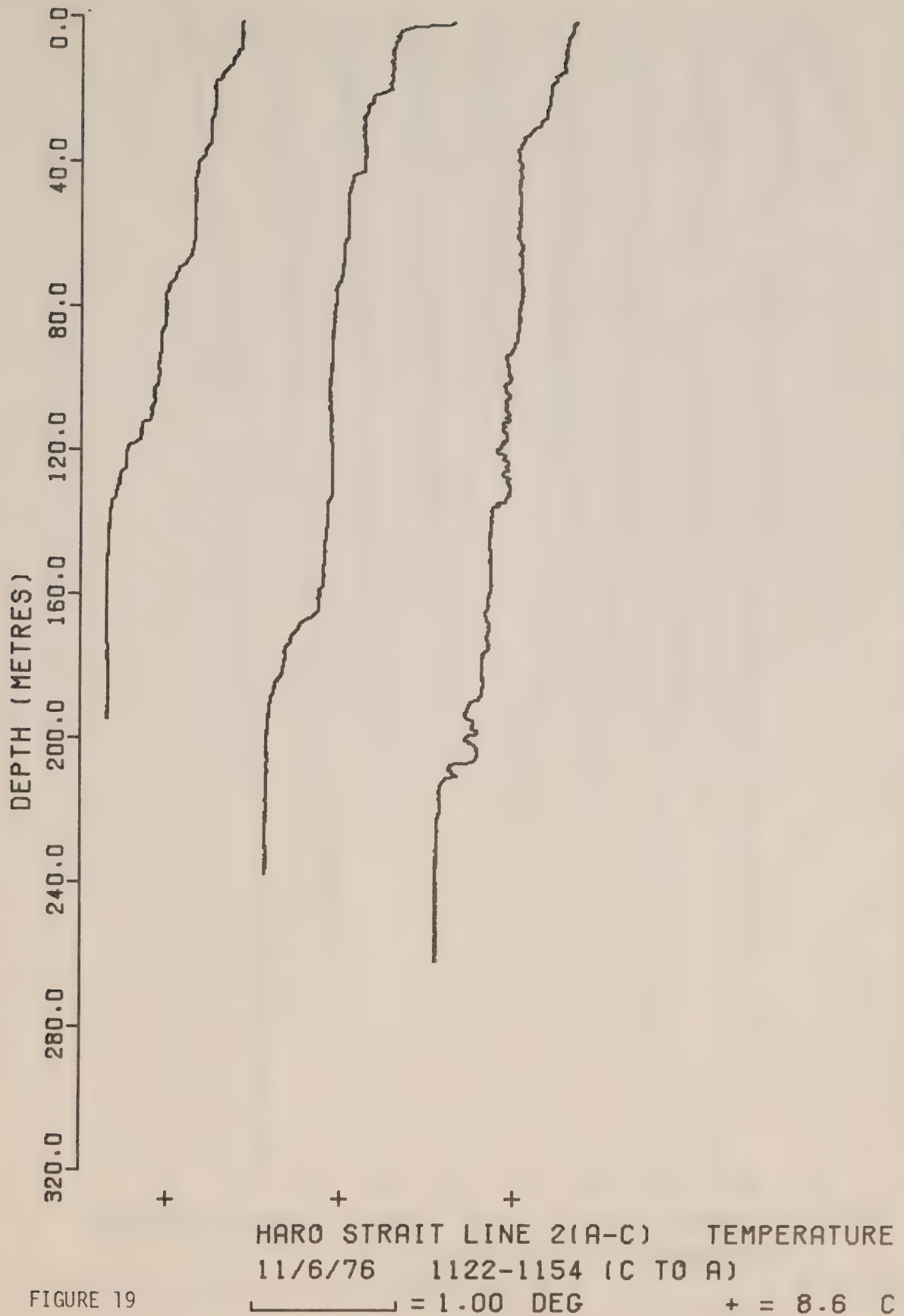


FIGURE 19

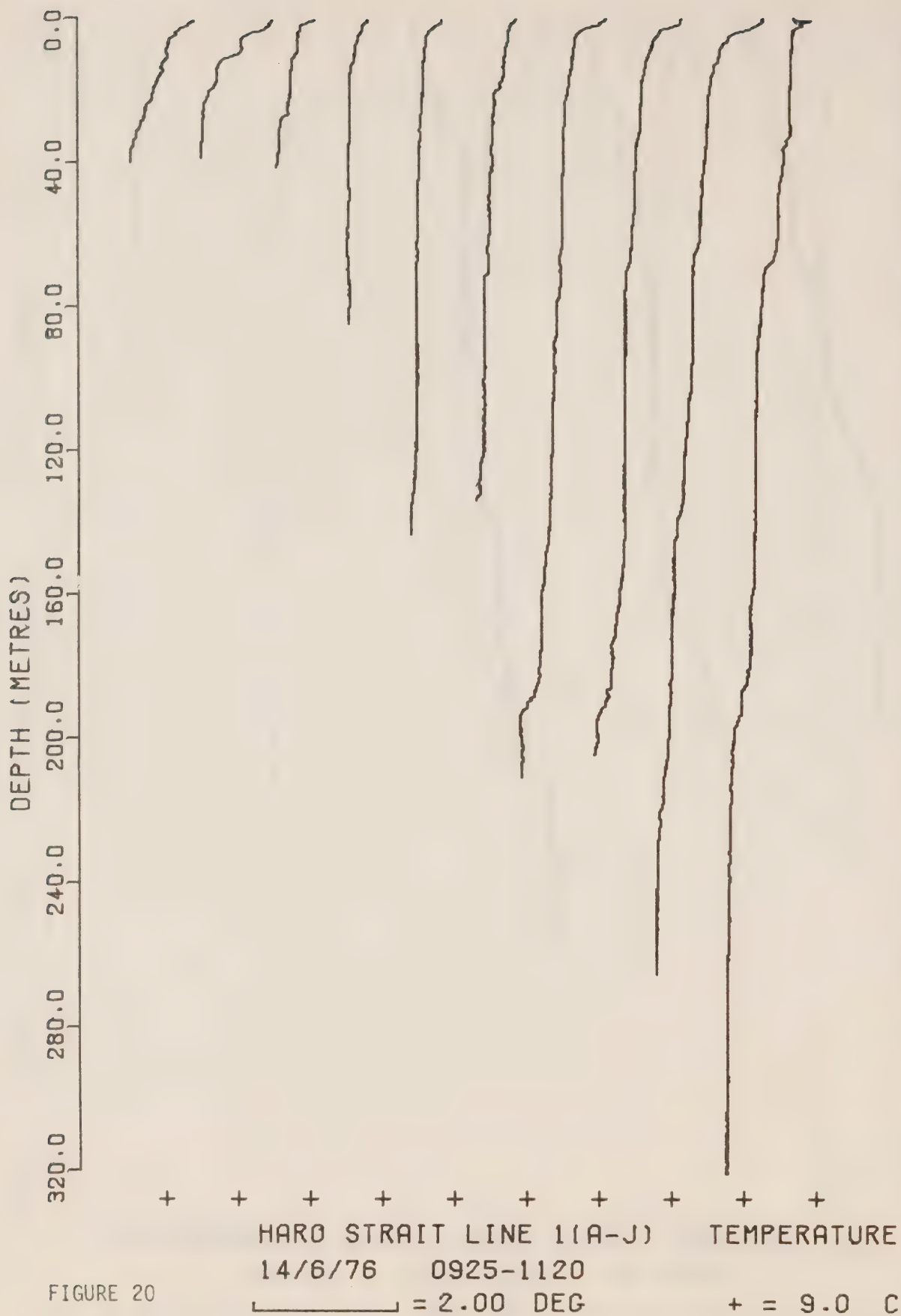


FIGURE 20

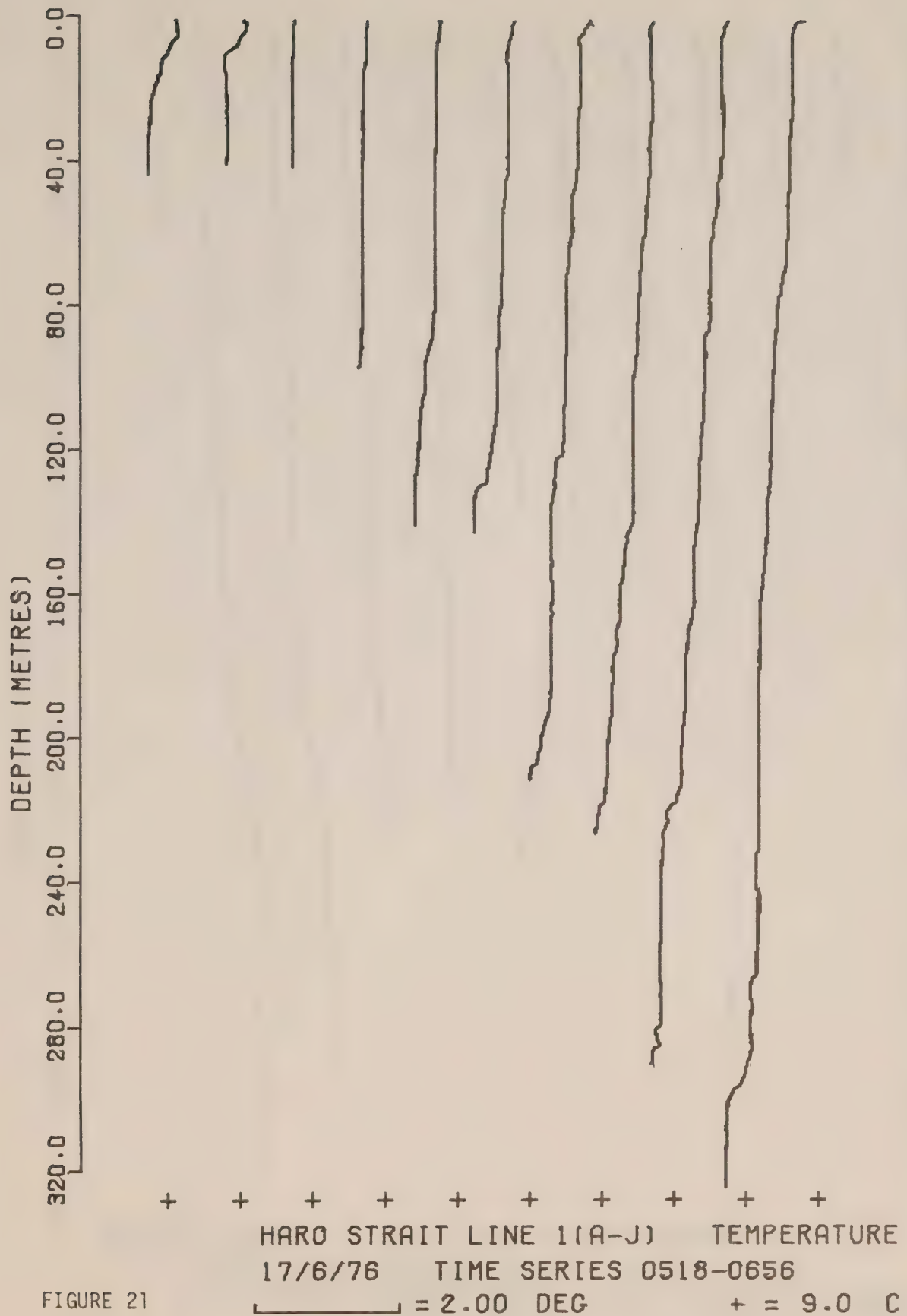


FIGURE 21

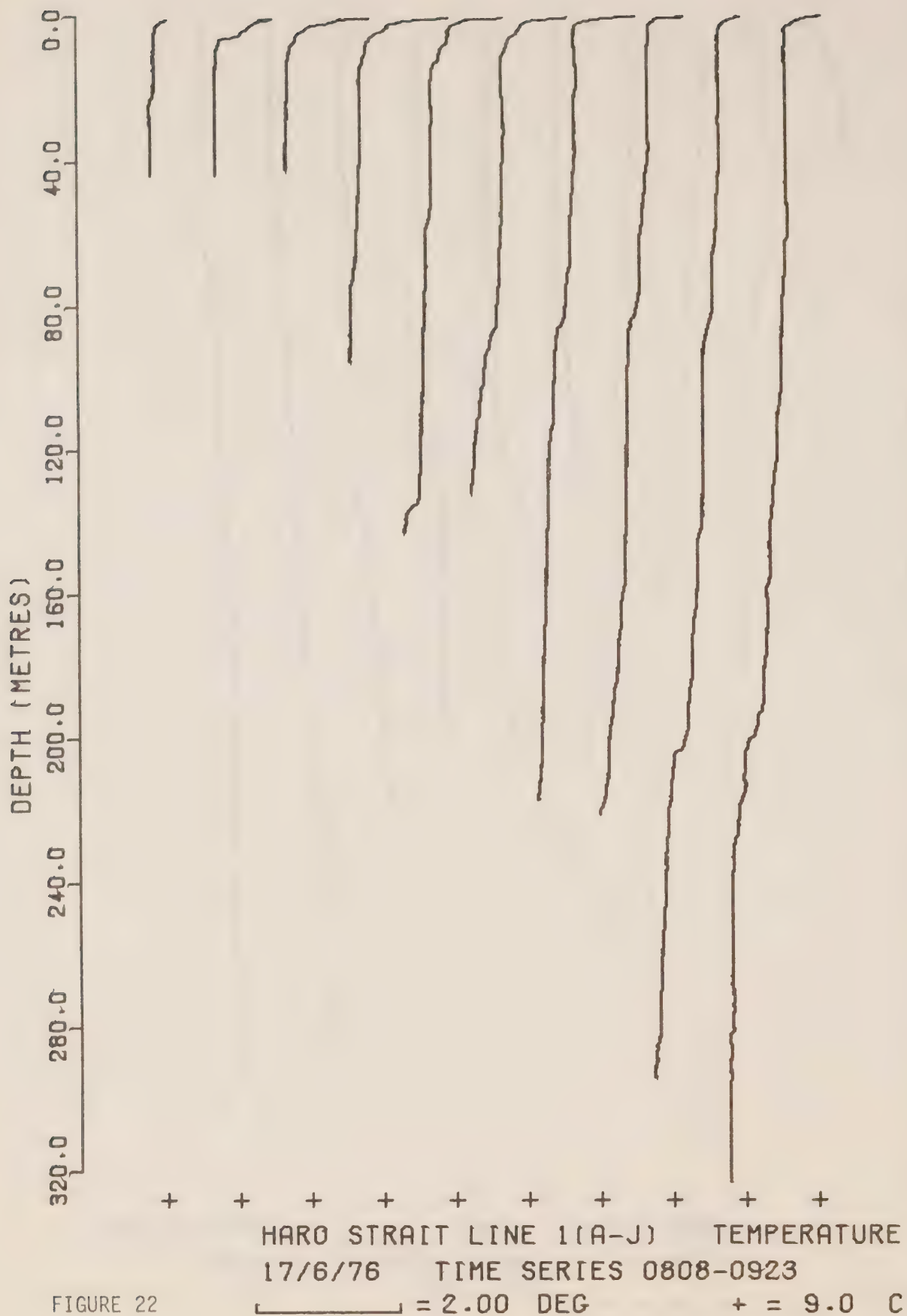


FIGURE 22

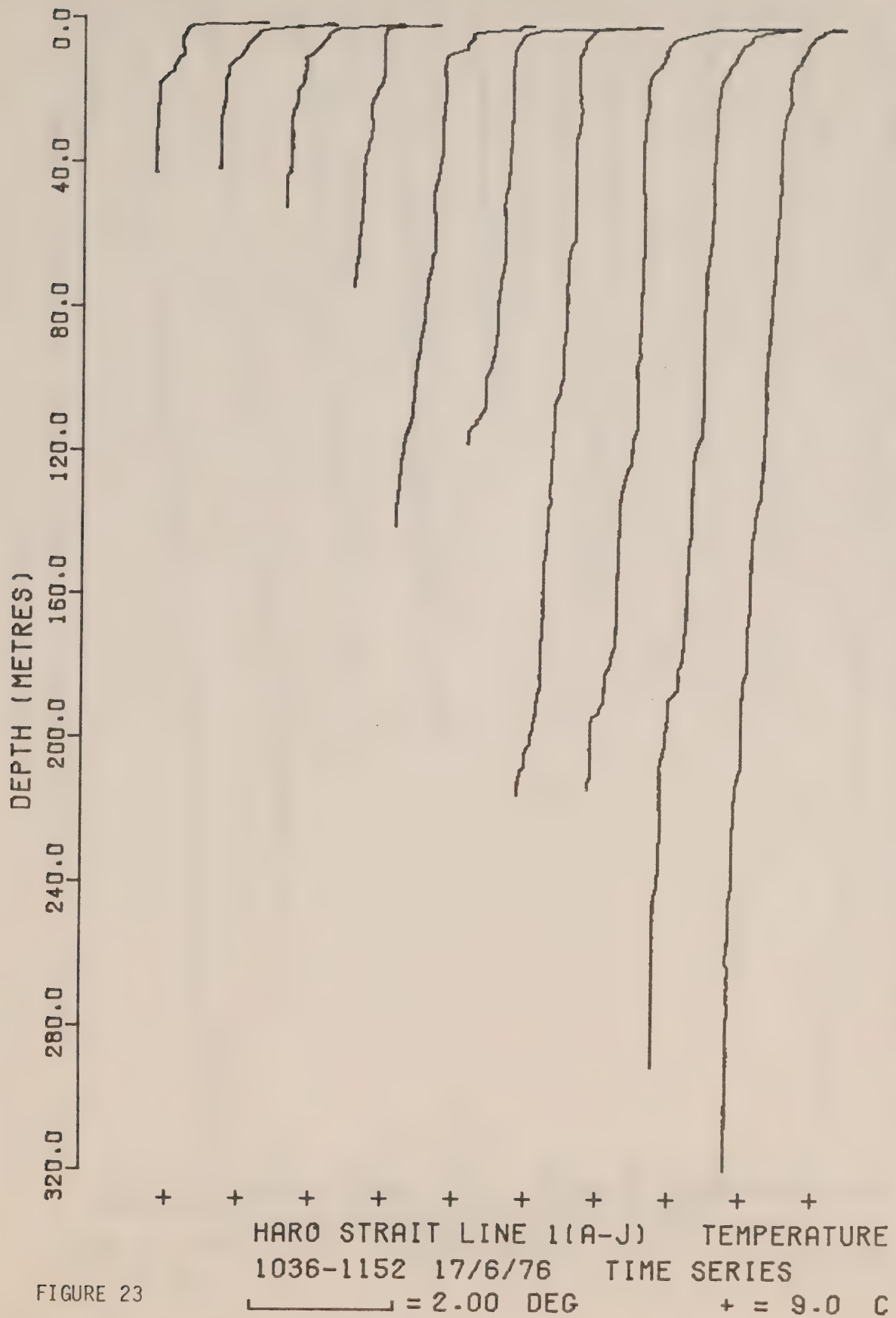


FIGURE 23

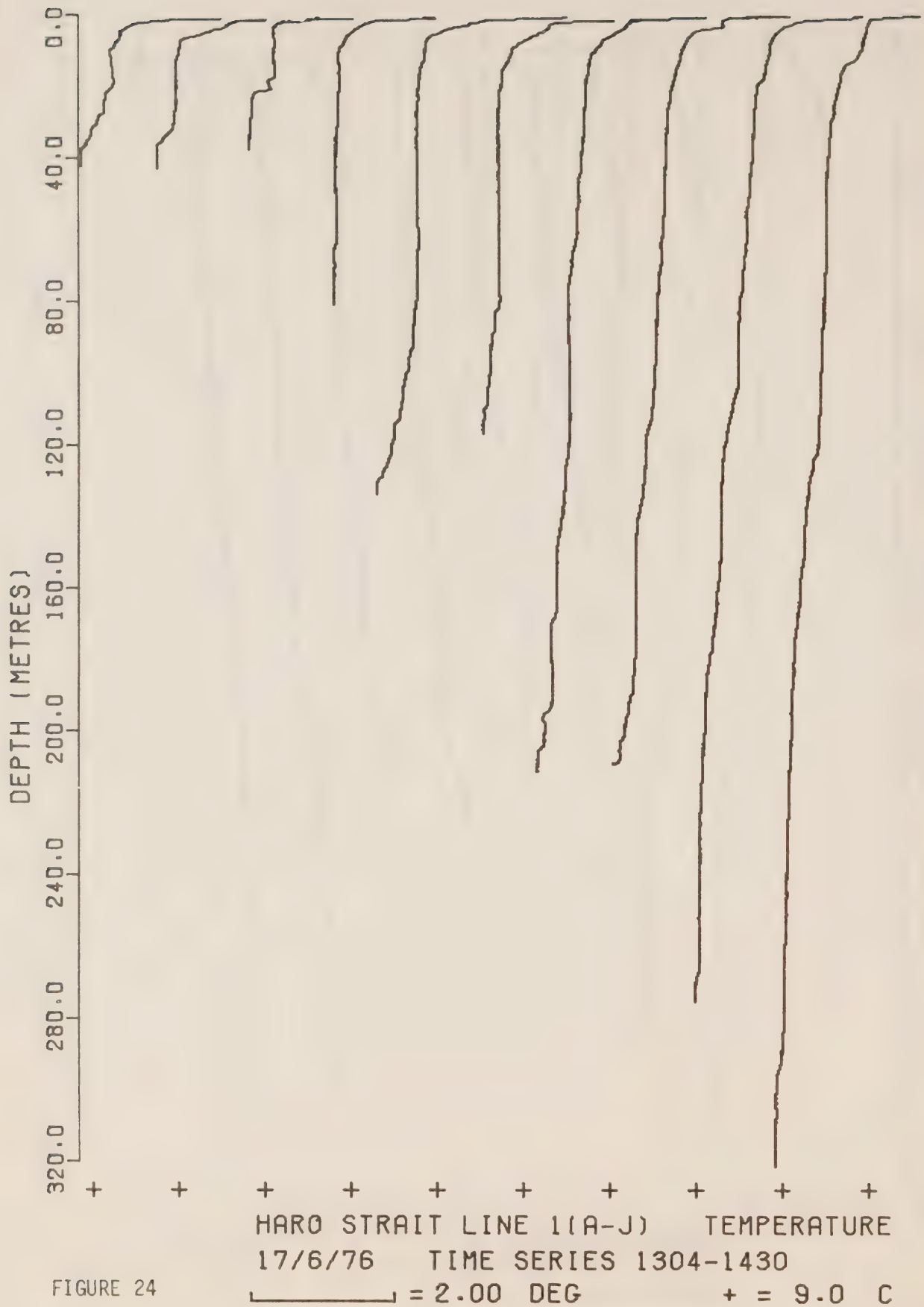


FIGURE 24

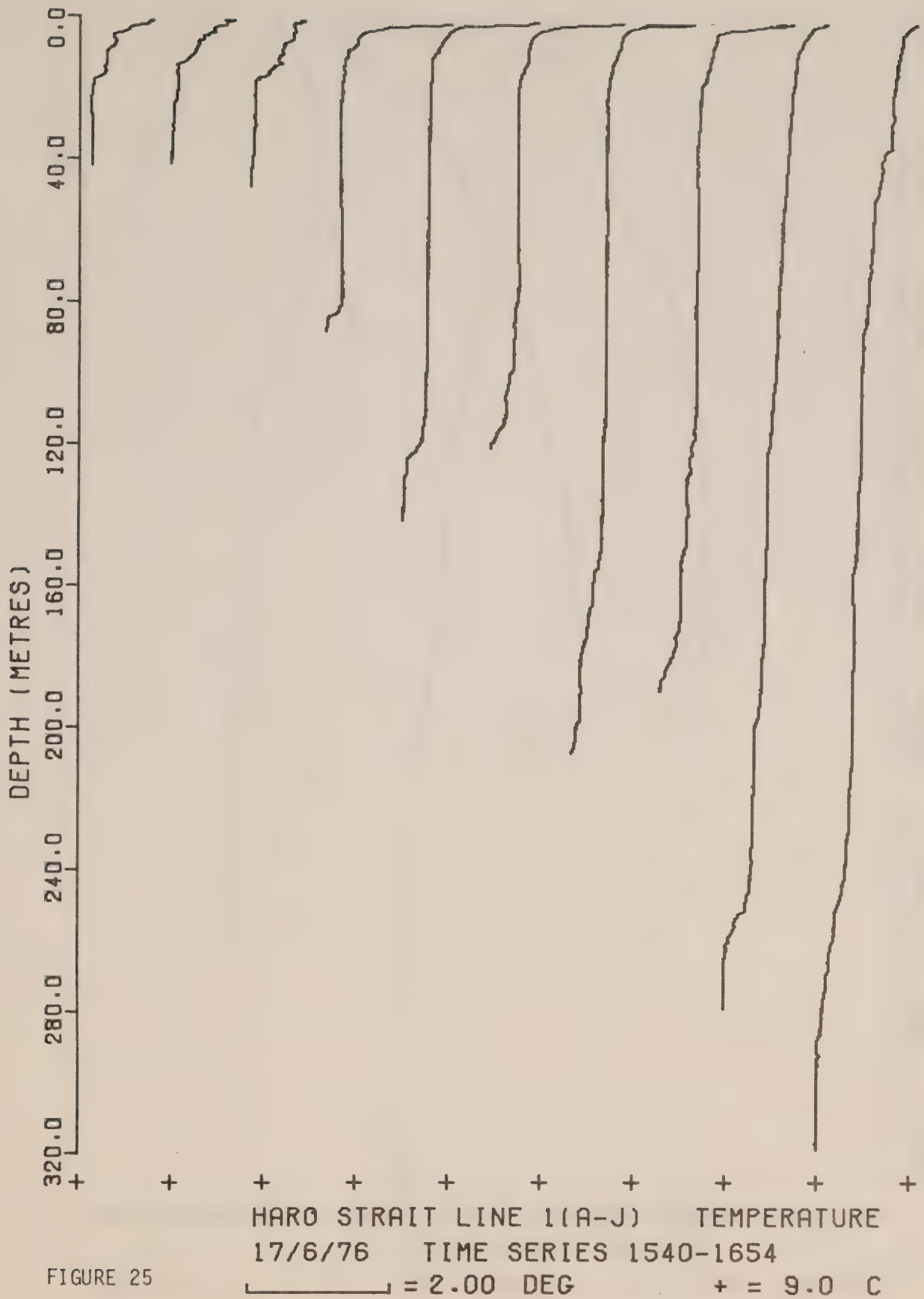


FIGURE 25

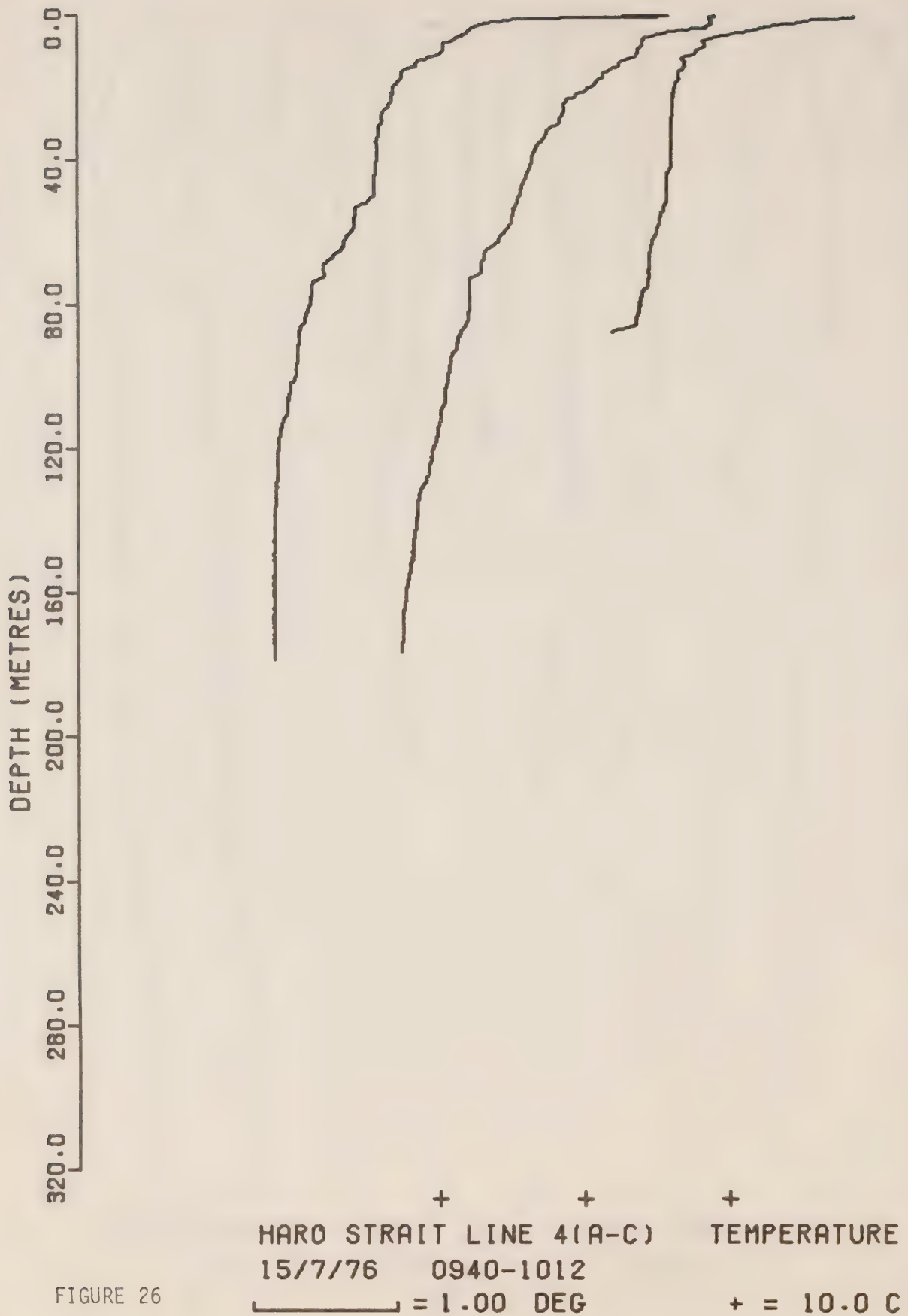


FIGURE 26

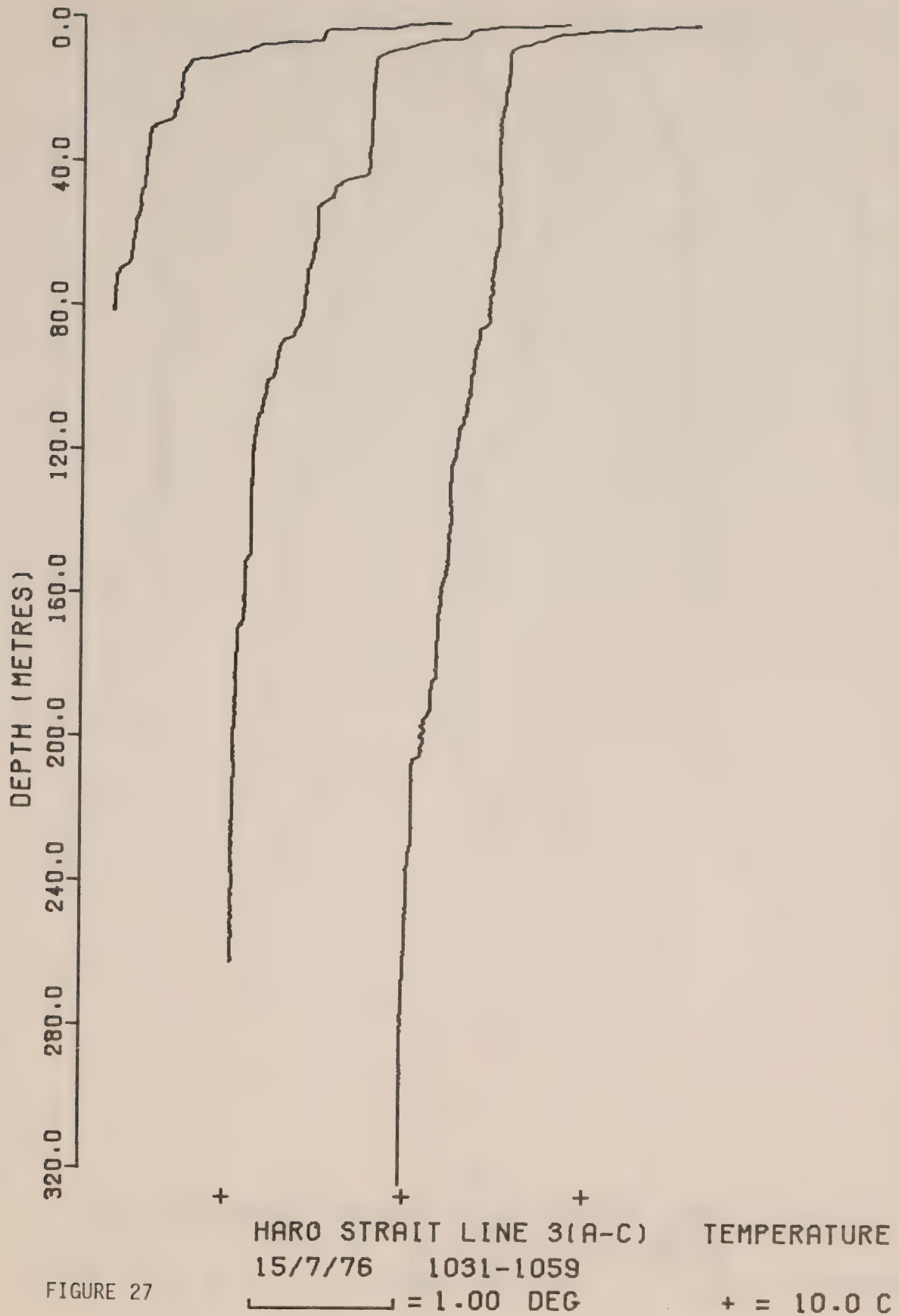


FIGURE 27

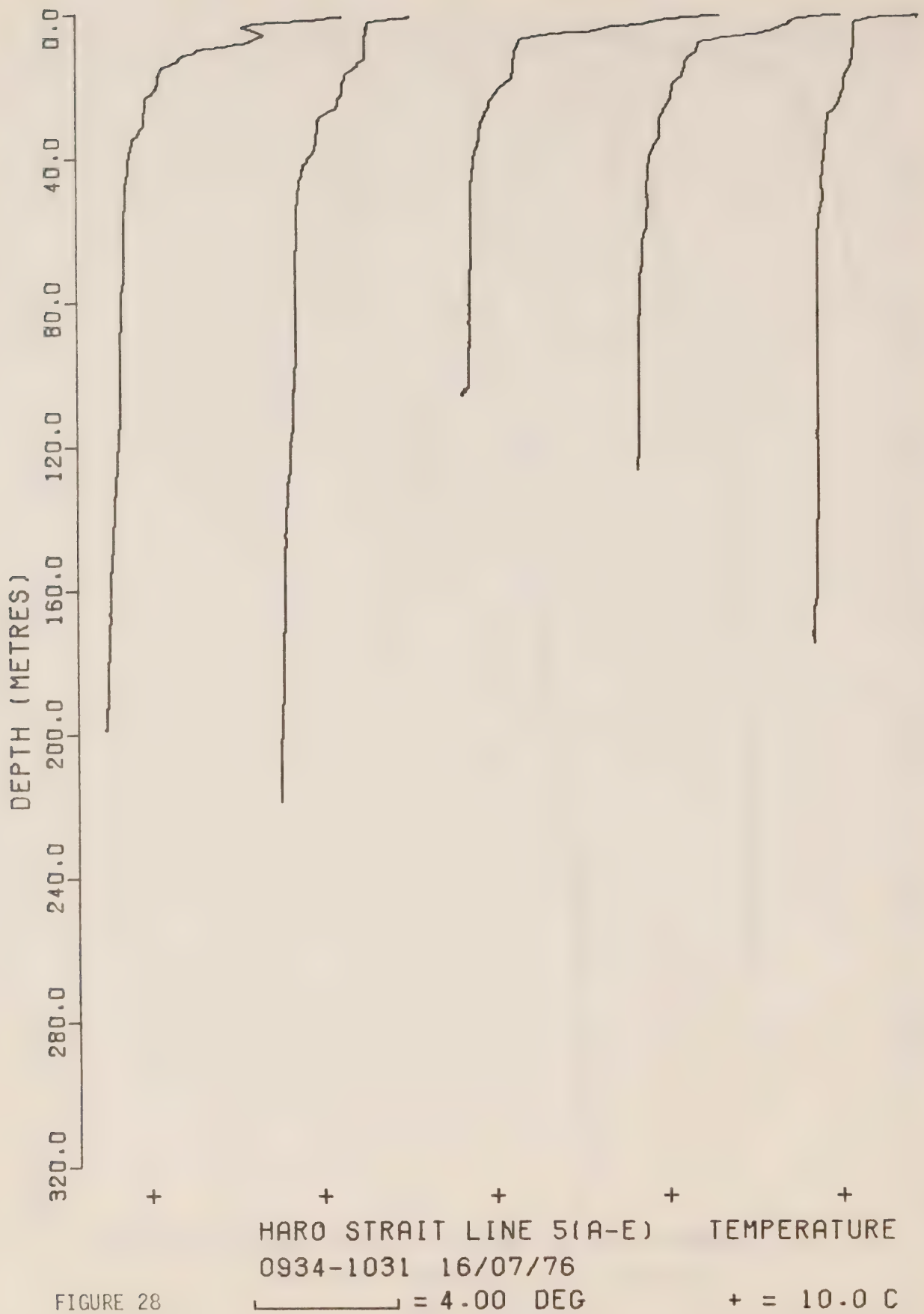


FIGURE 28

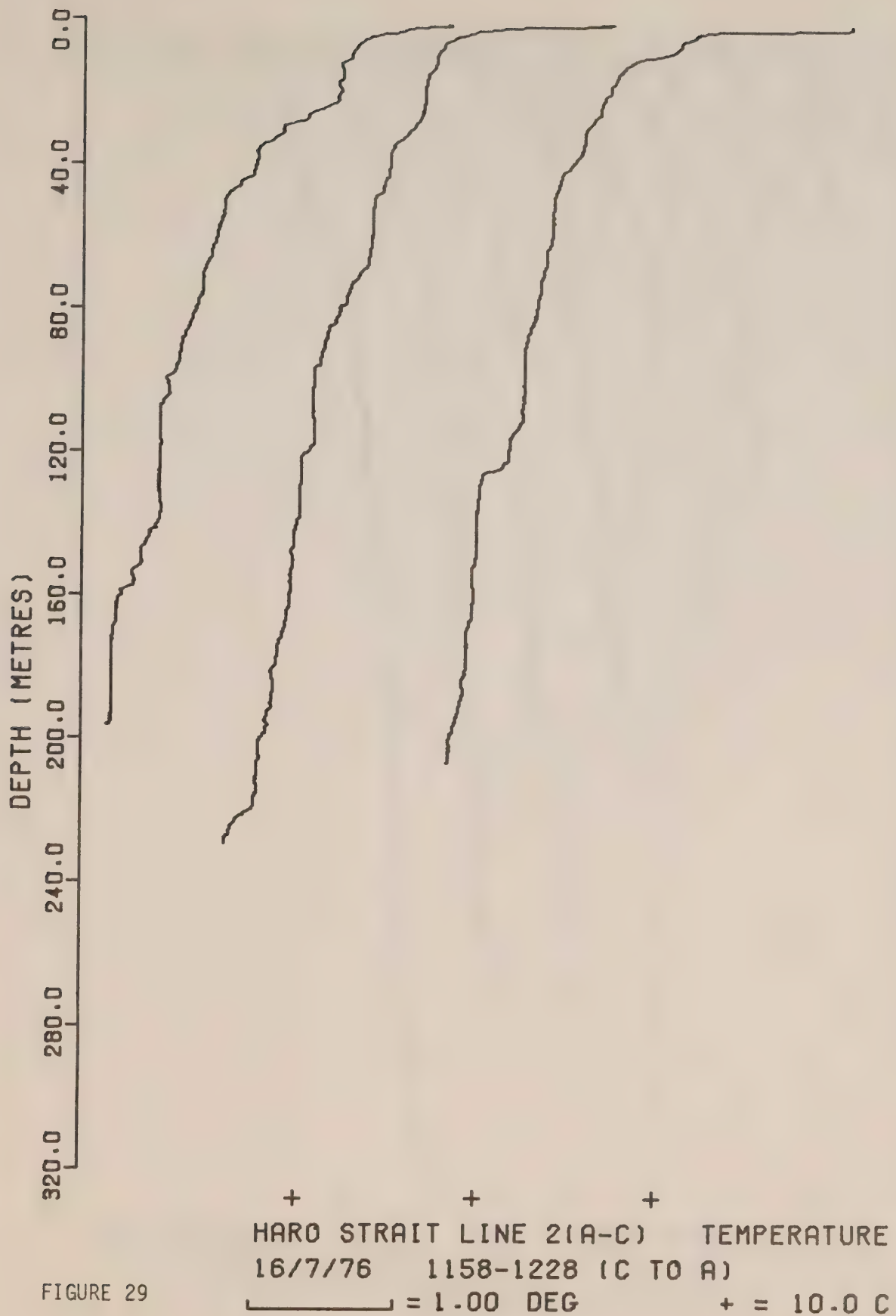


FIGURE 29

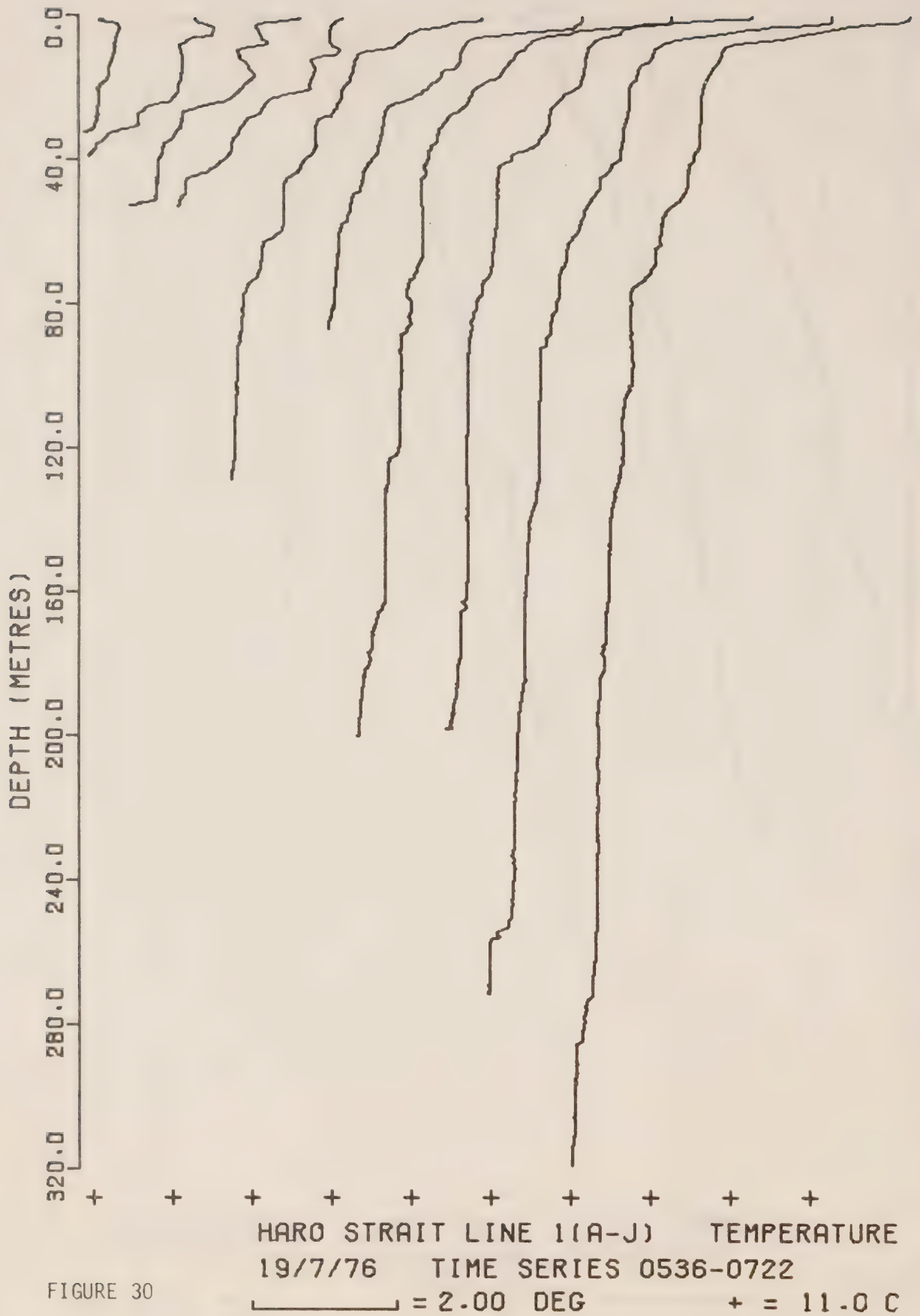


FIGURE 30

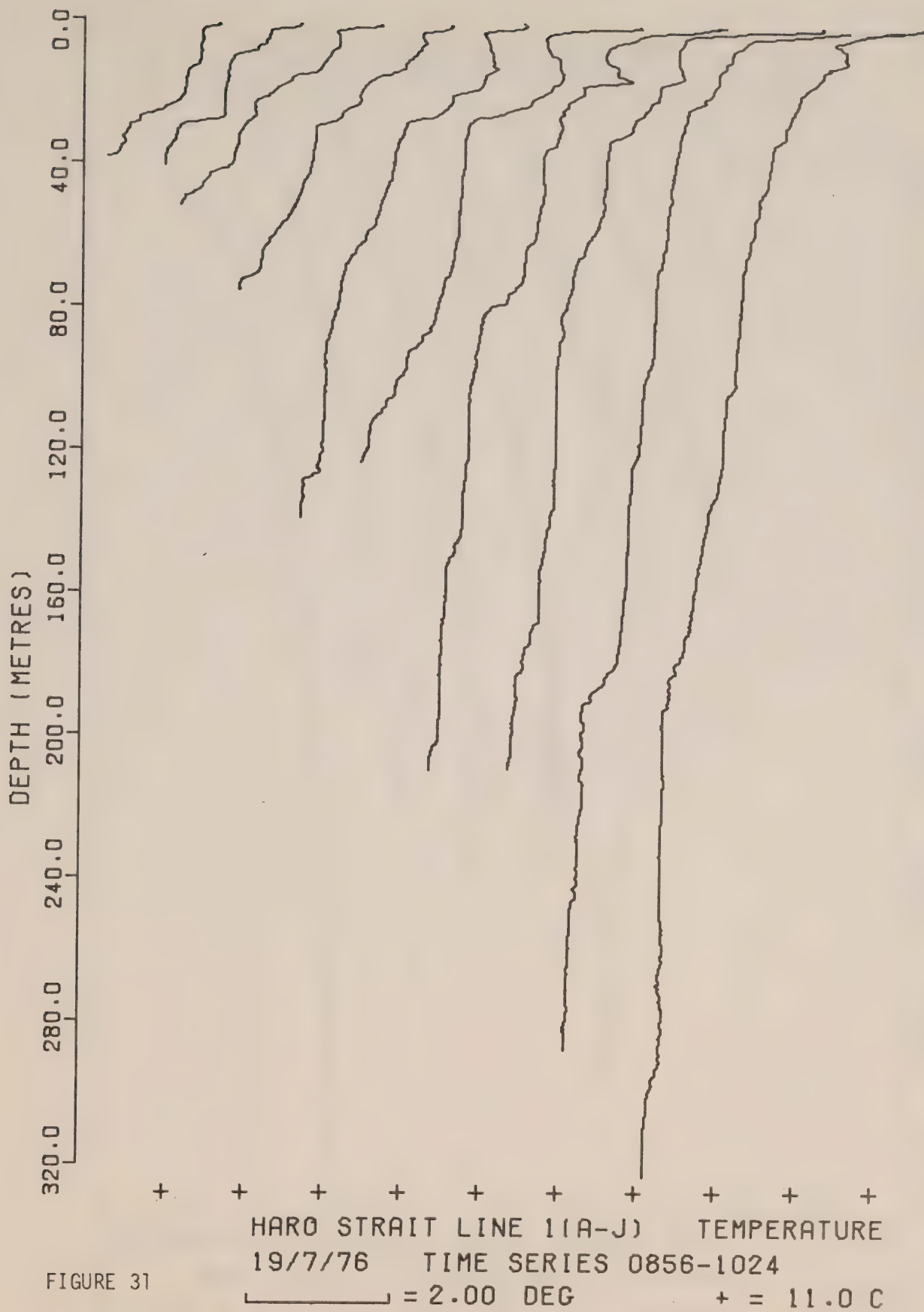


FIGURE 31

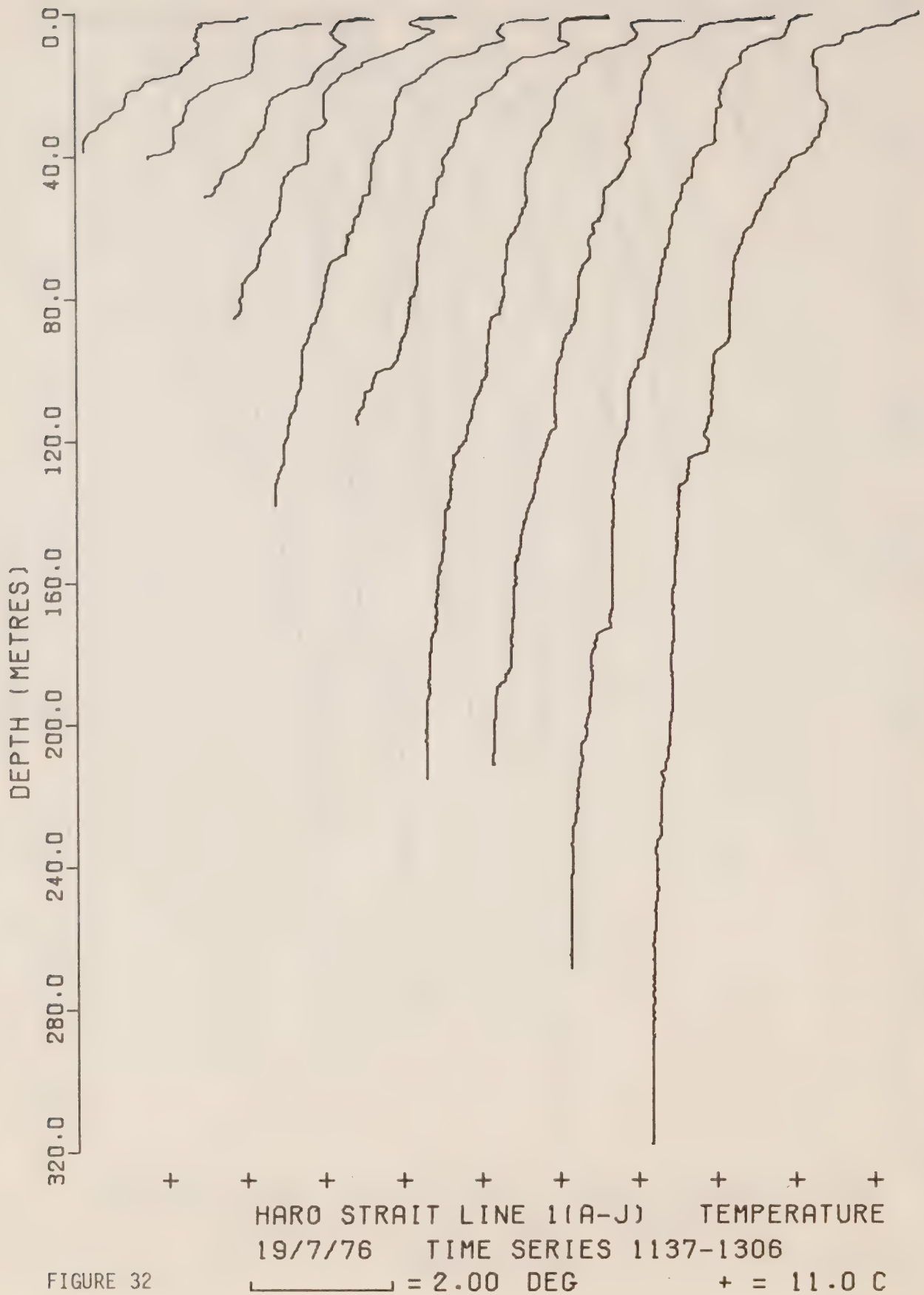


FIGURE 32

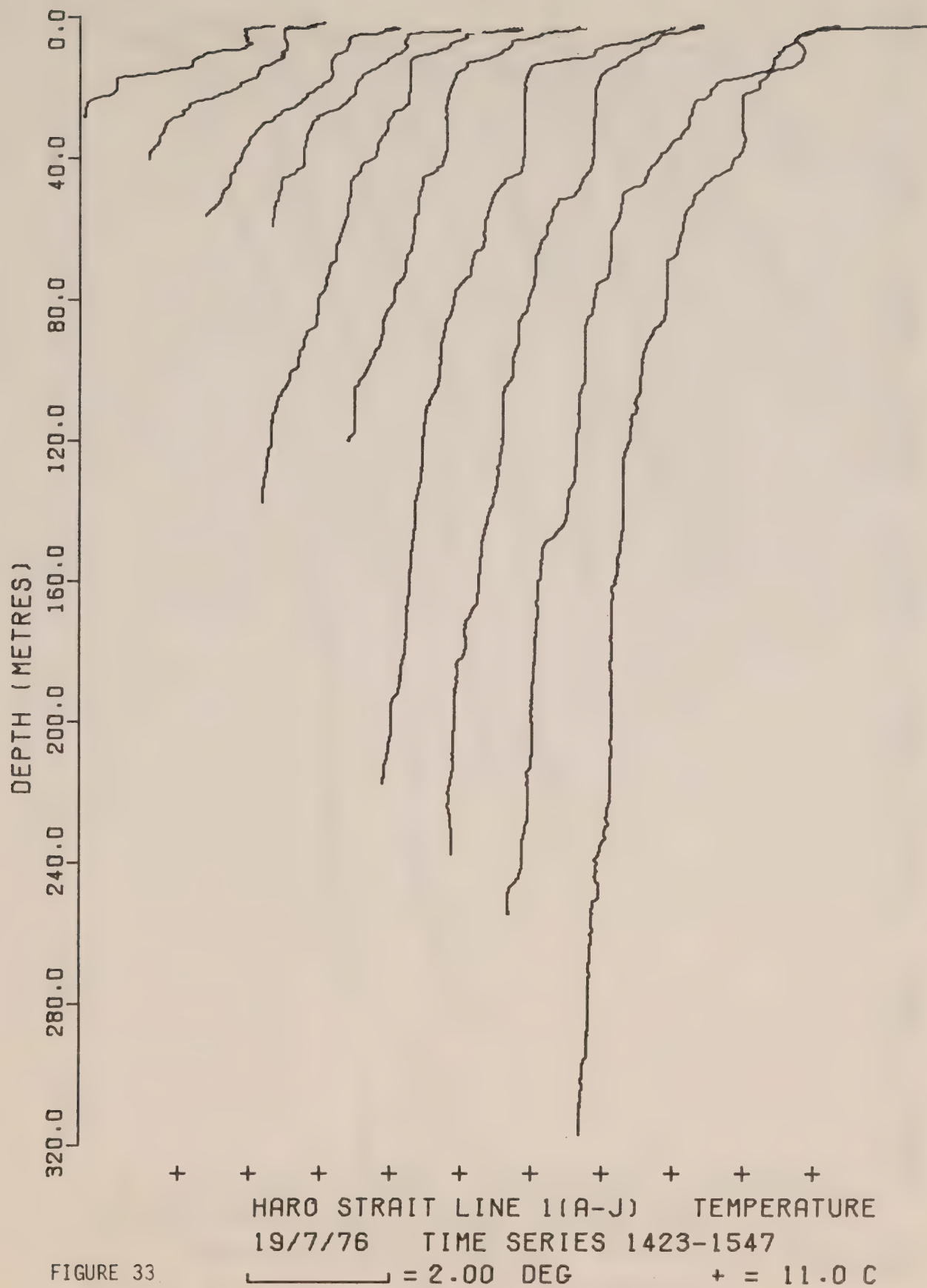


FIGURE 33

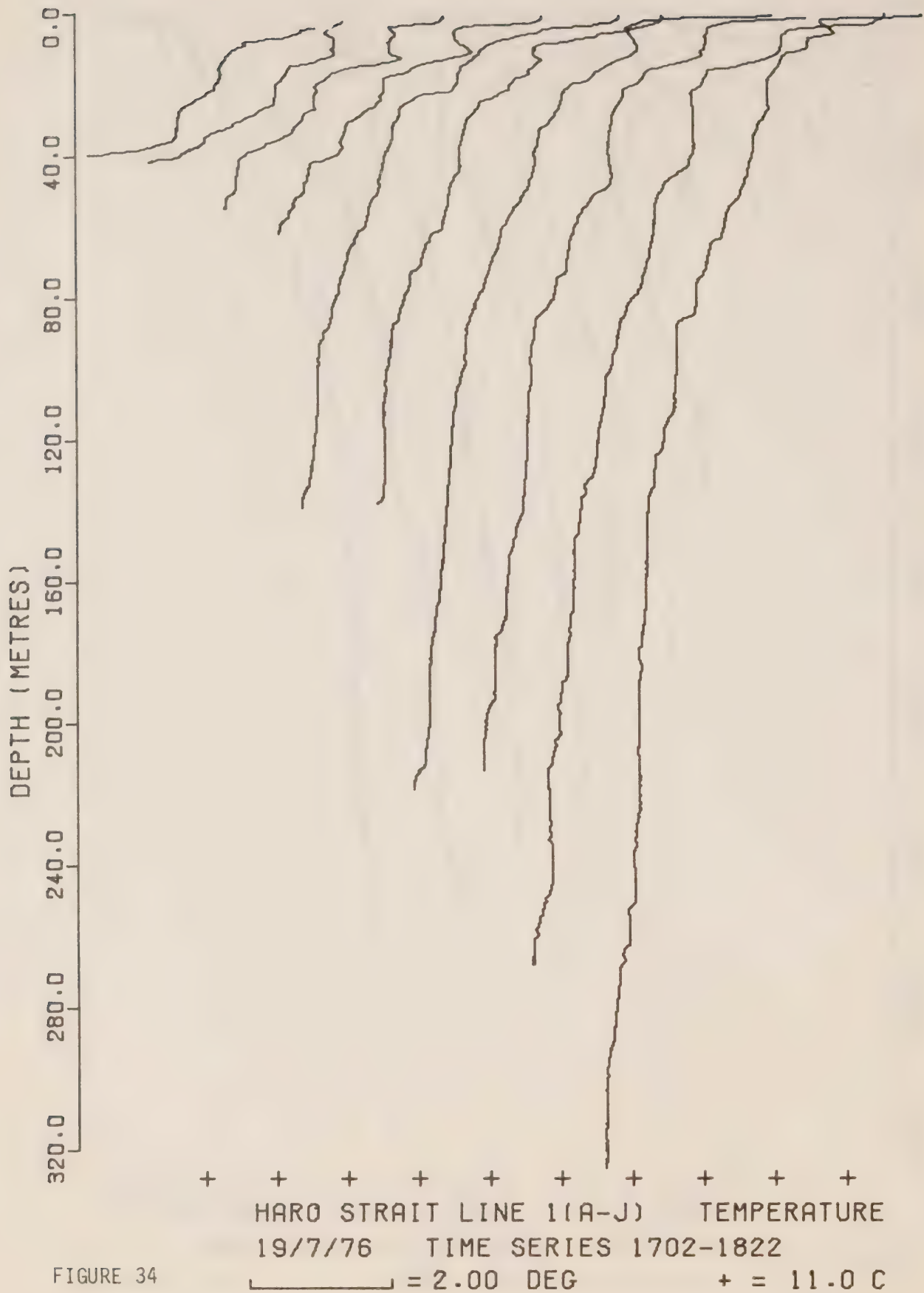


FIGURE 34

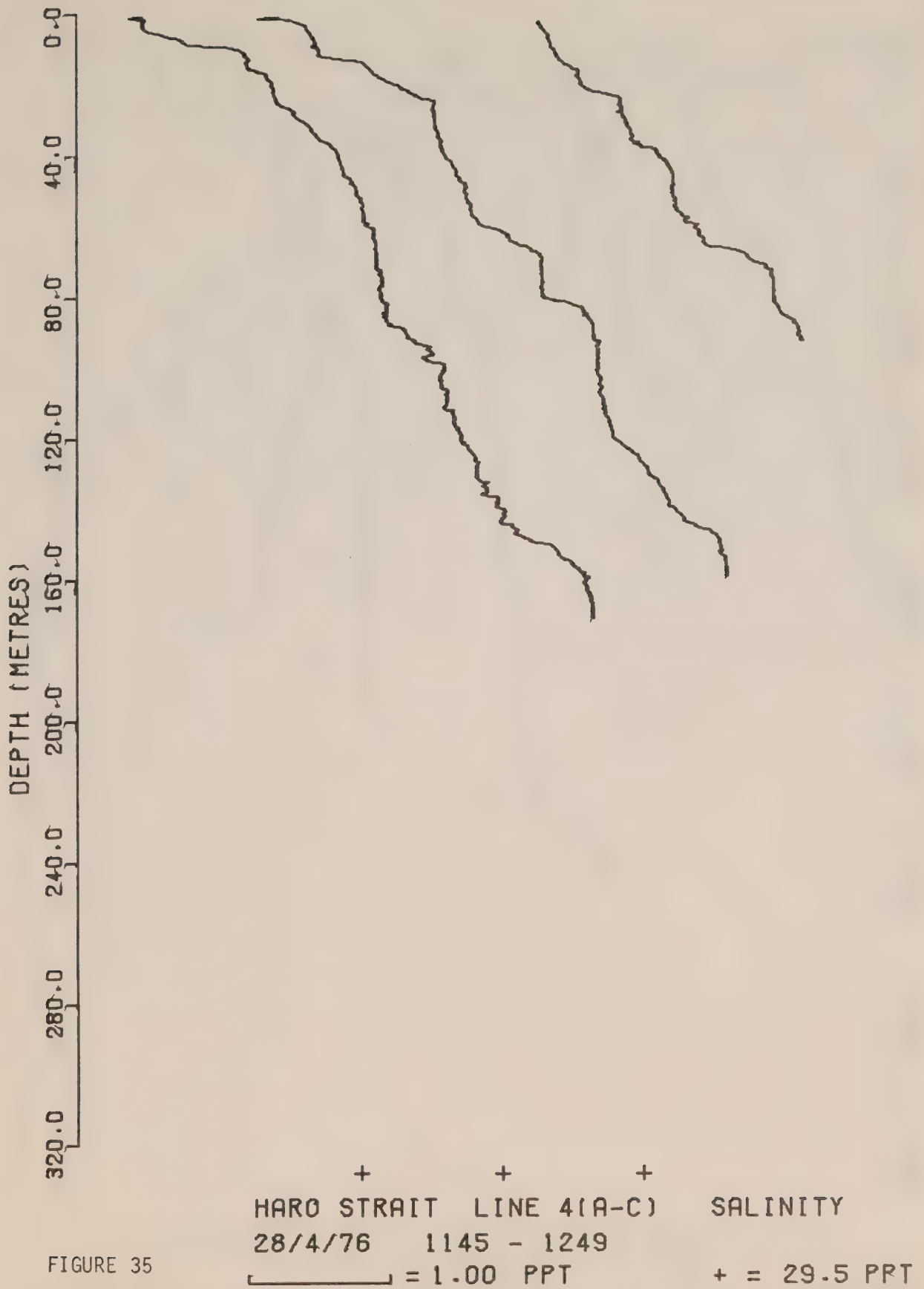


FIGURE 35

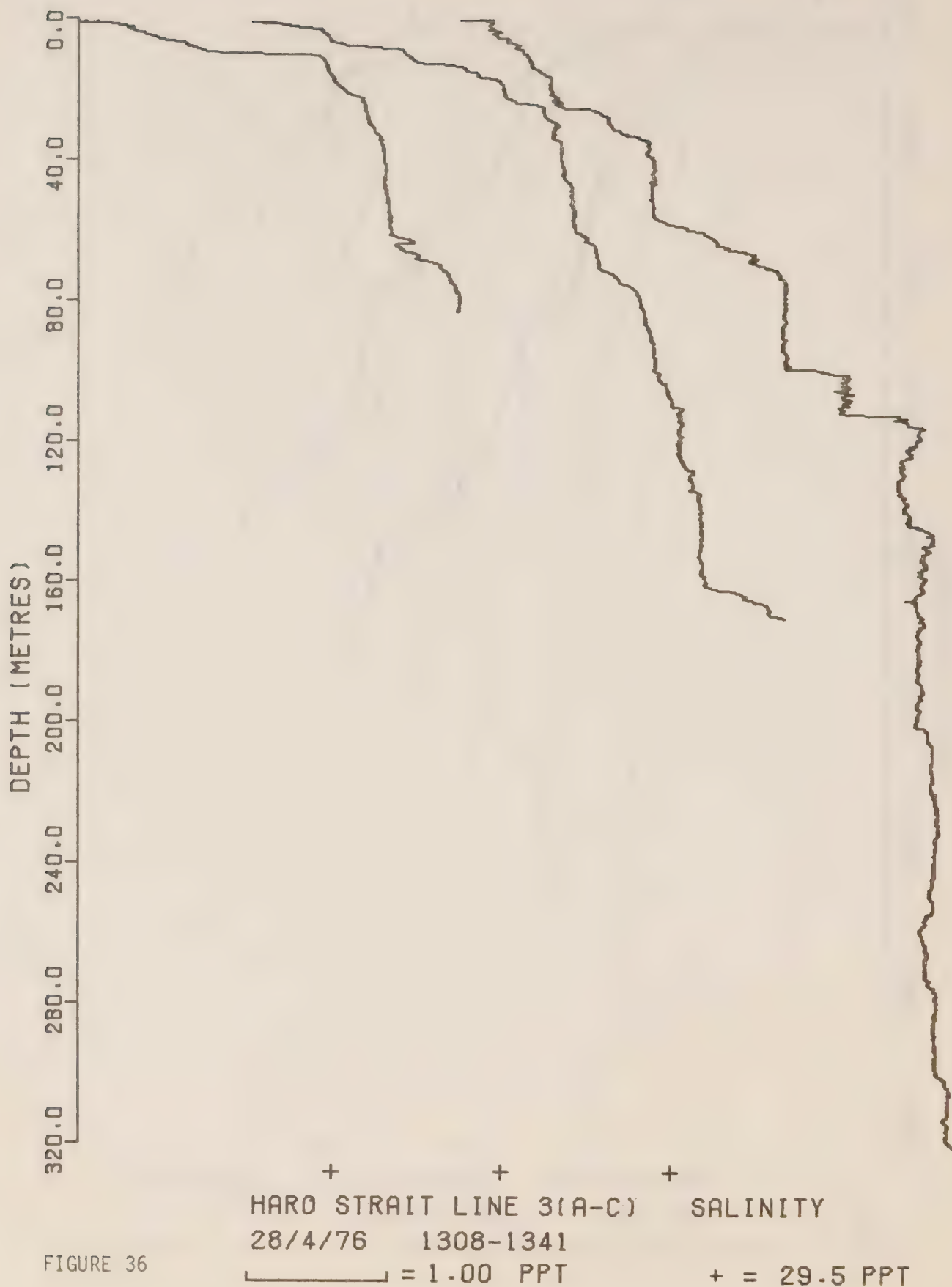


FIGURE 36

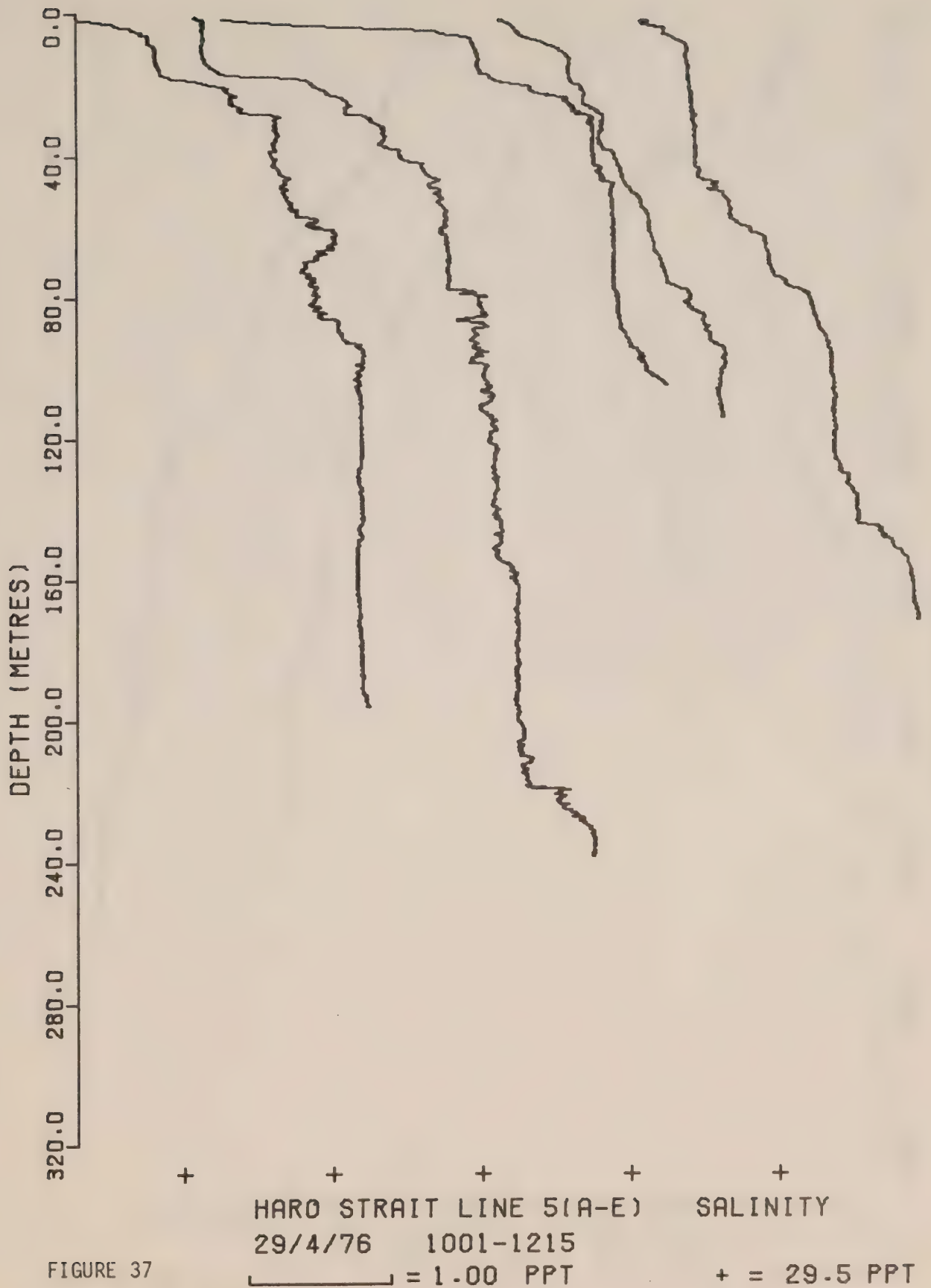


FIGURE 37

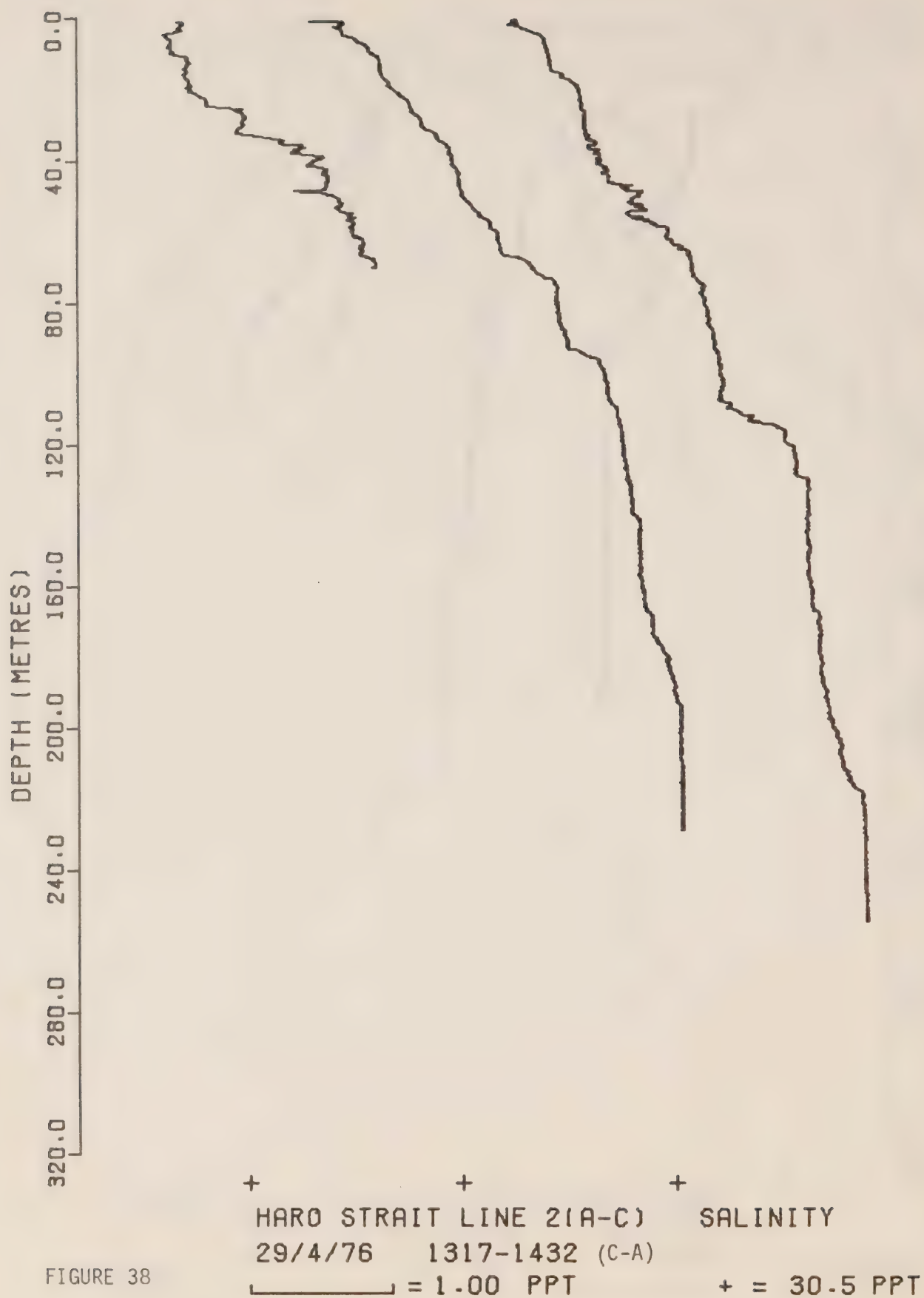


FIGURE 38

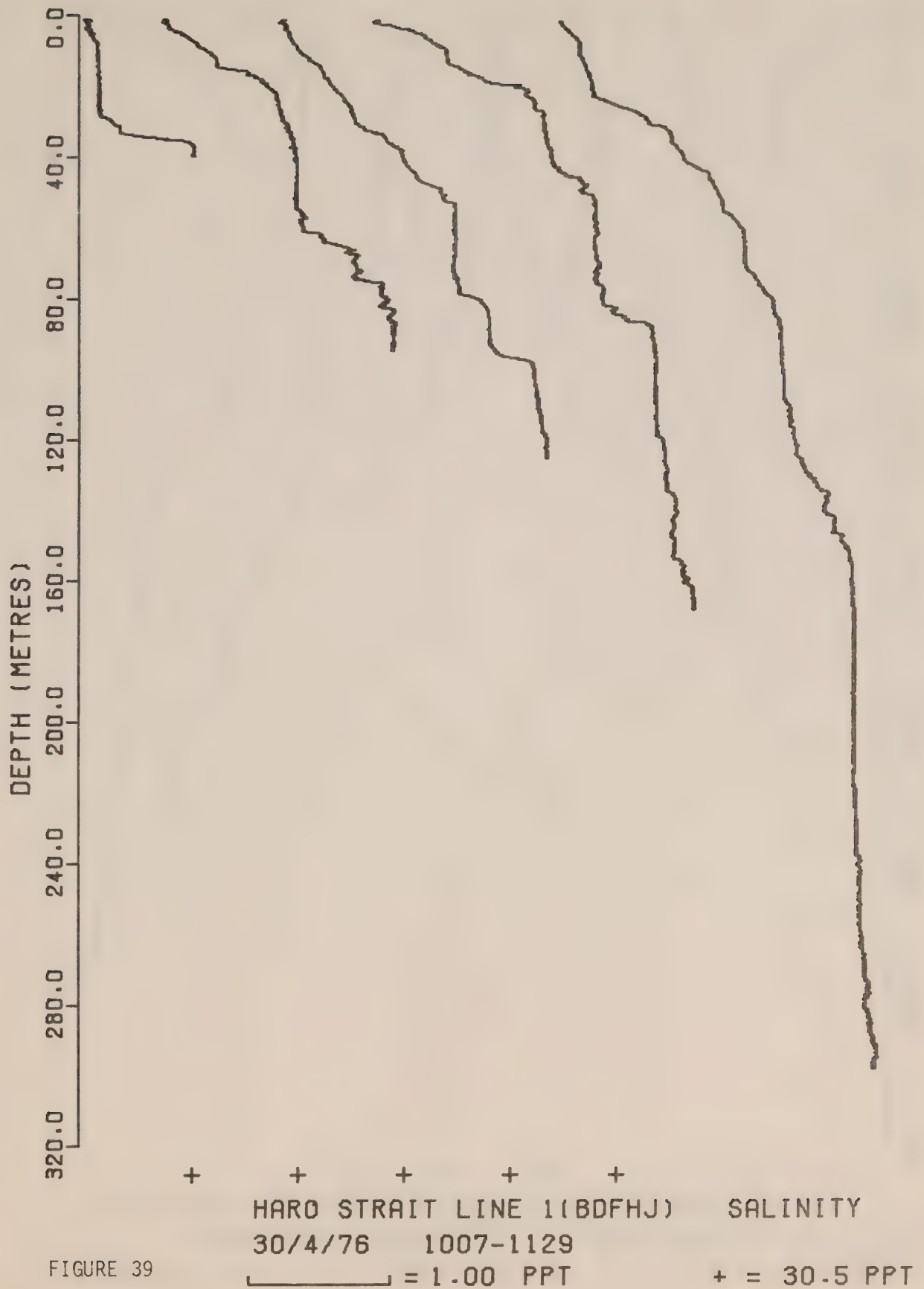


FIGURE 39

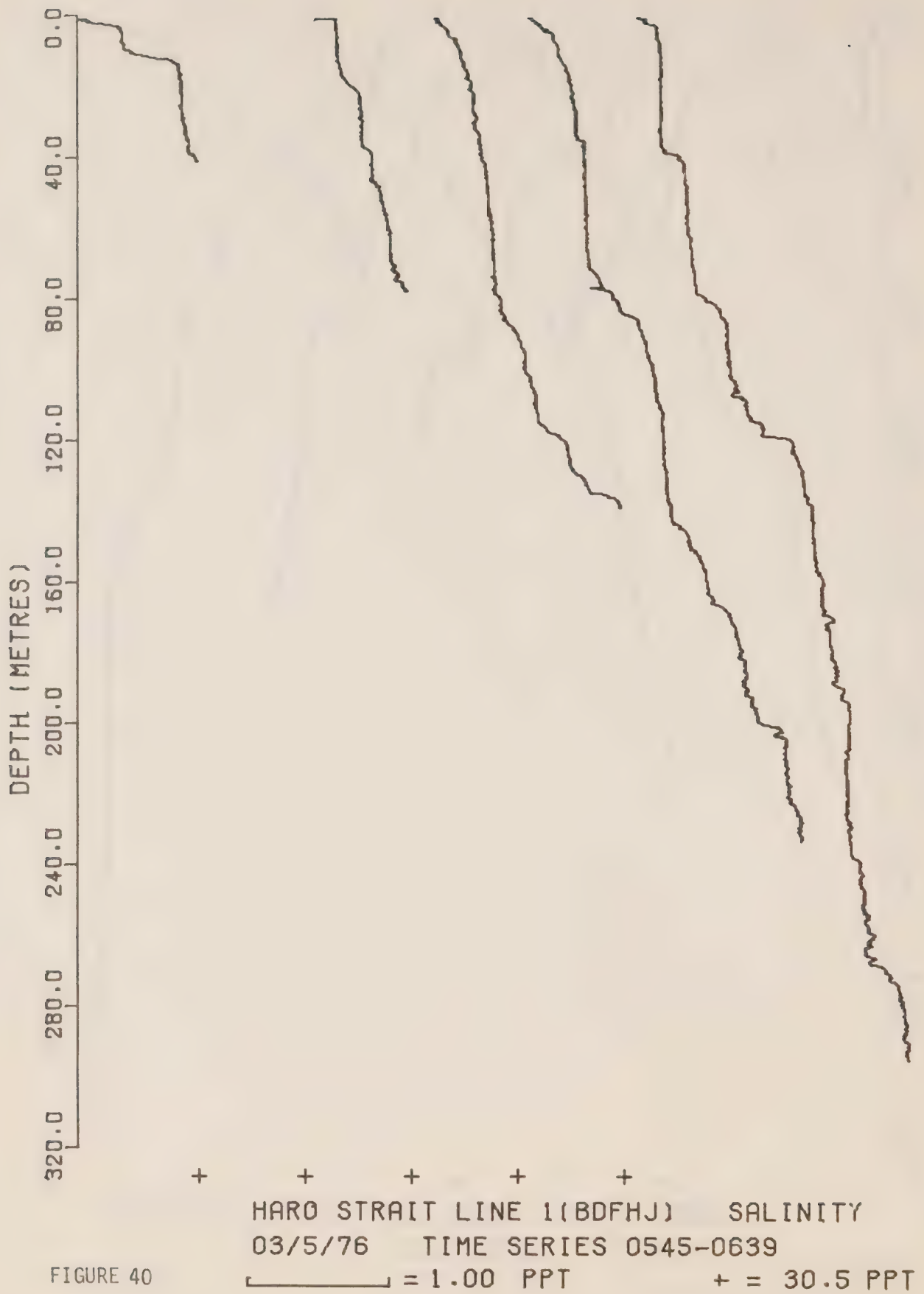


FIGURE 40

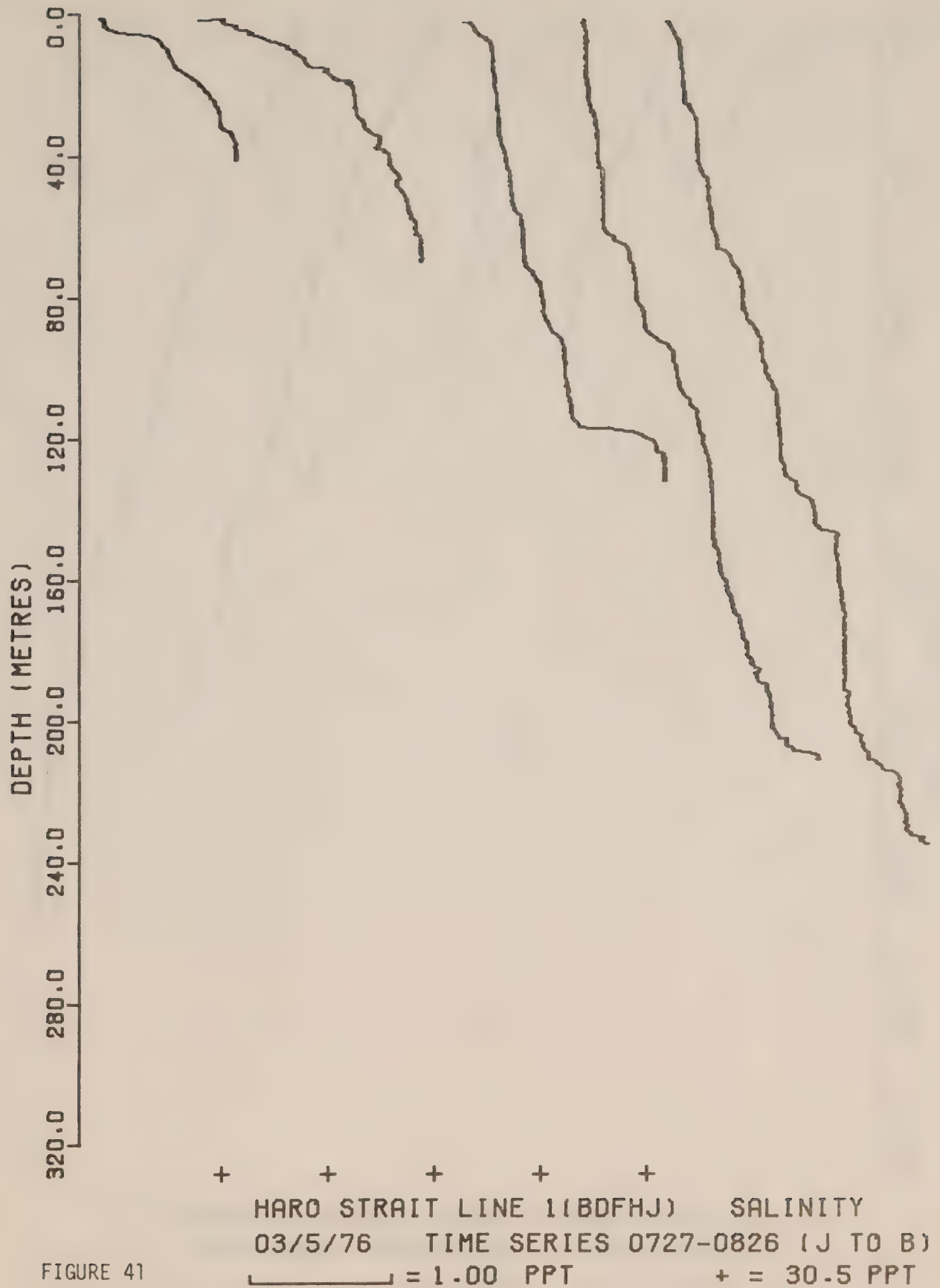


FIGURE 41

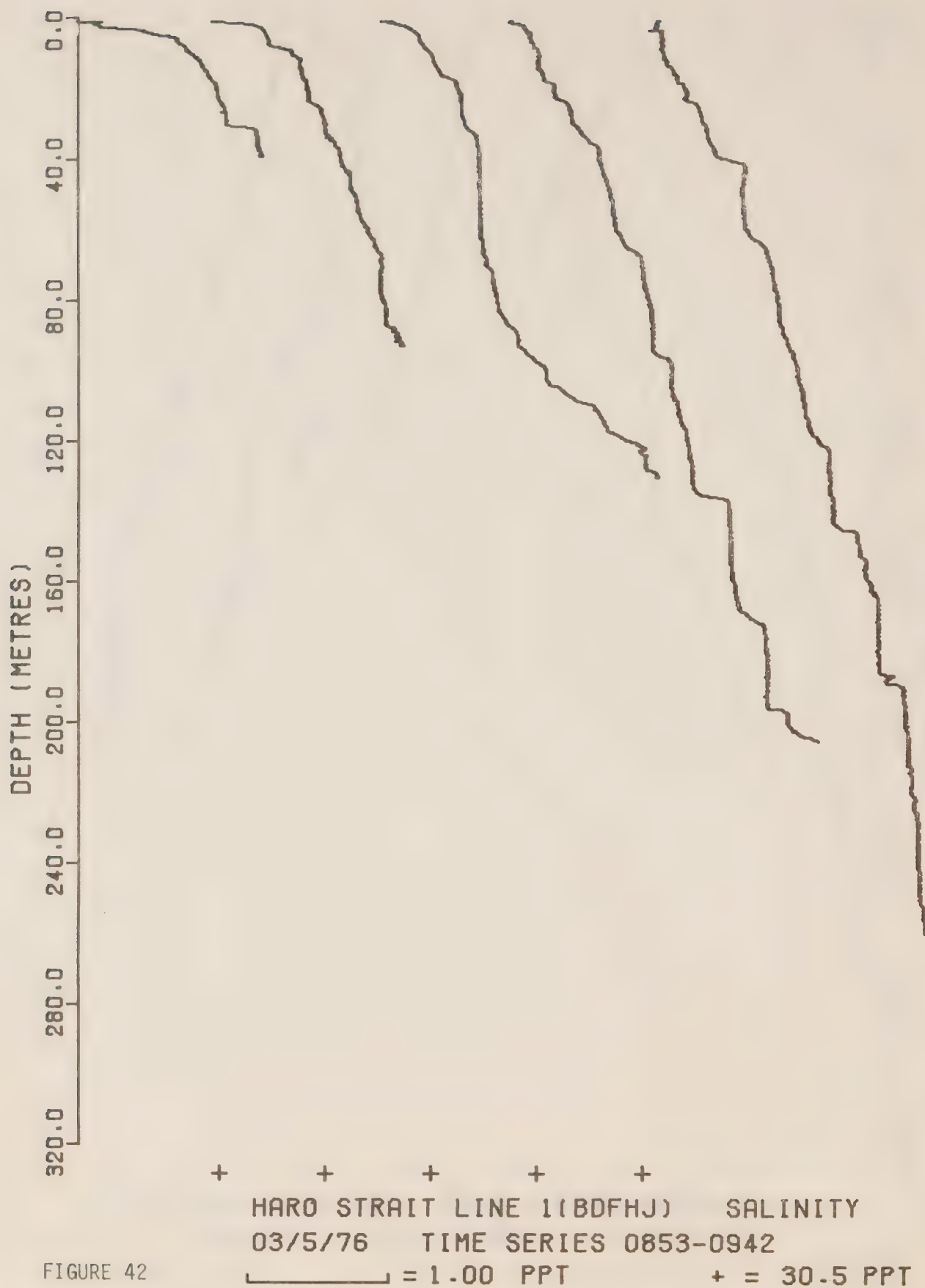
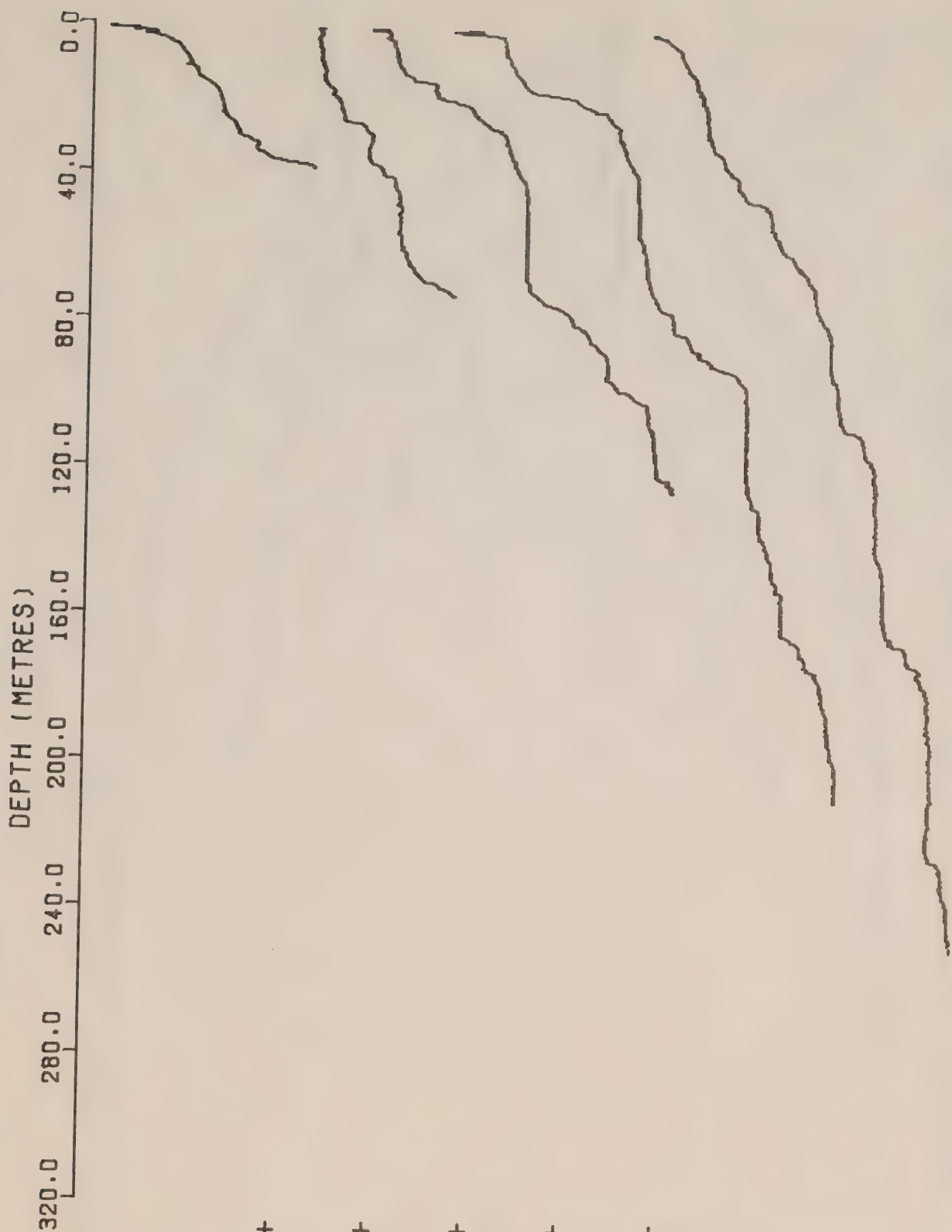


FIGURE 42



HARO STRAIT LINE 1 (BDFHJ) SALINITY
 03/5/76 TIME SERIES 1010-1205 (J TO B)
 ┌──────────┐ = 1.00 PPT + = 30.5 PPT

FIGURE 43

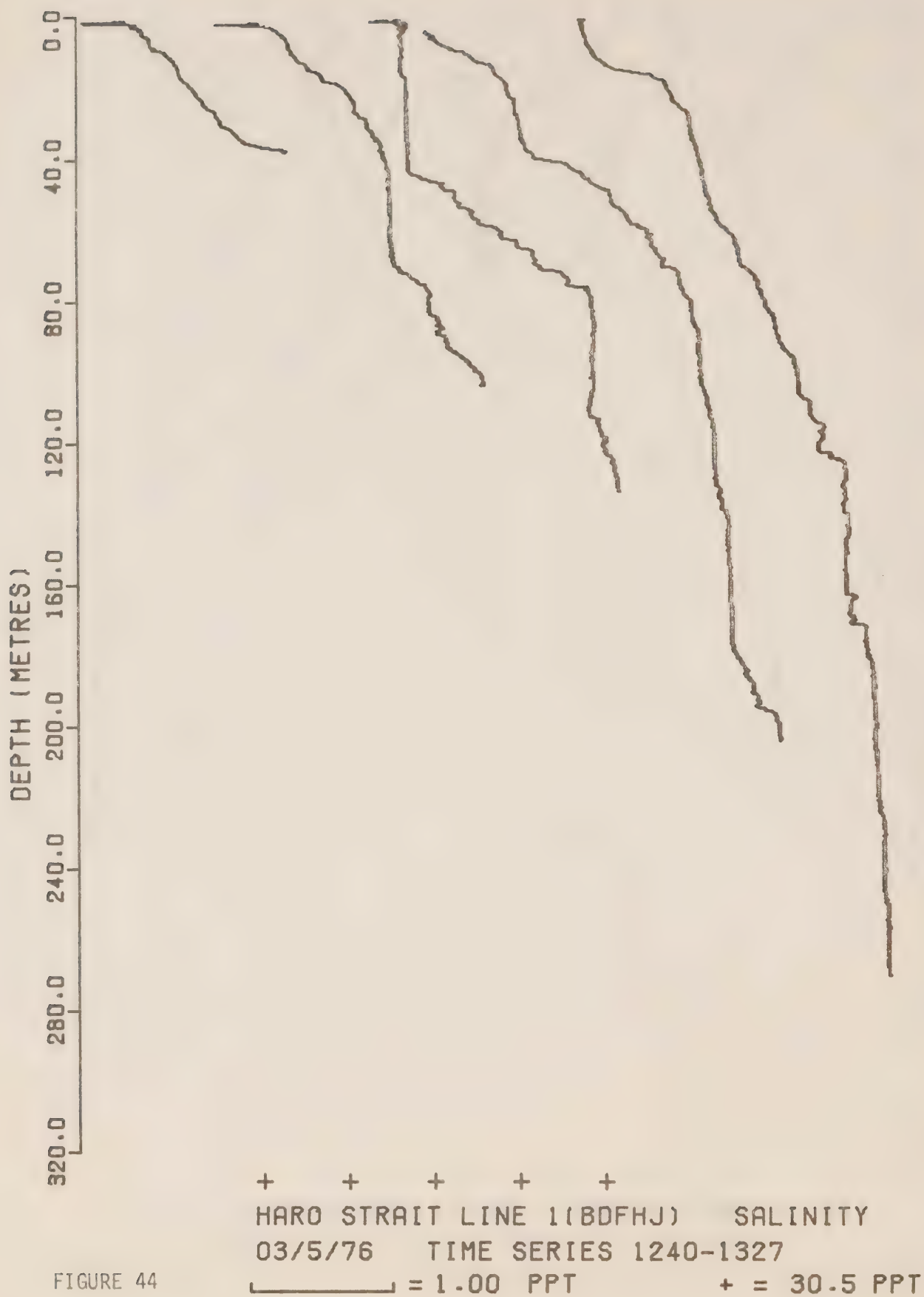


FIGURE 44

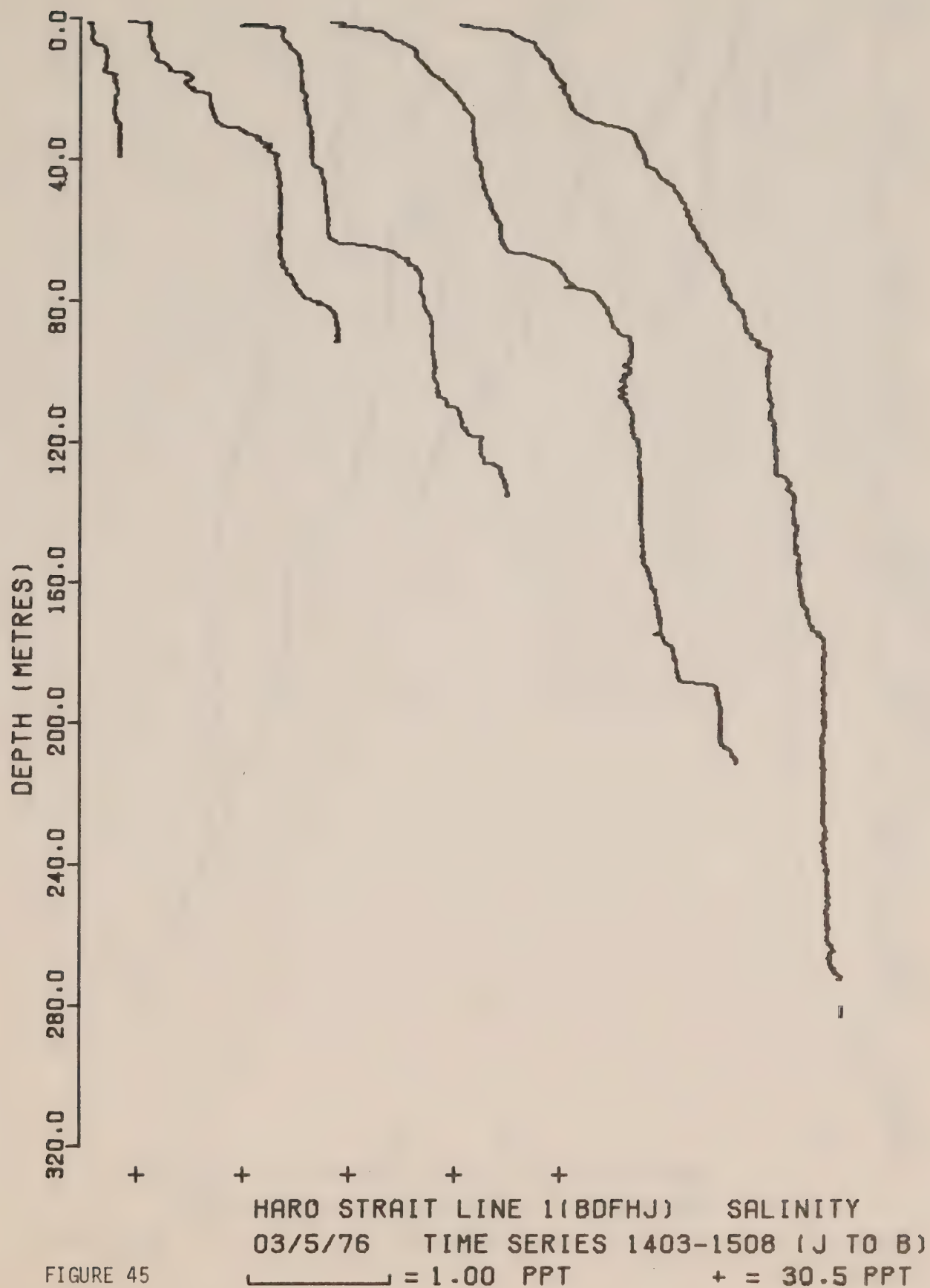


FIGURE 45

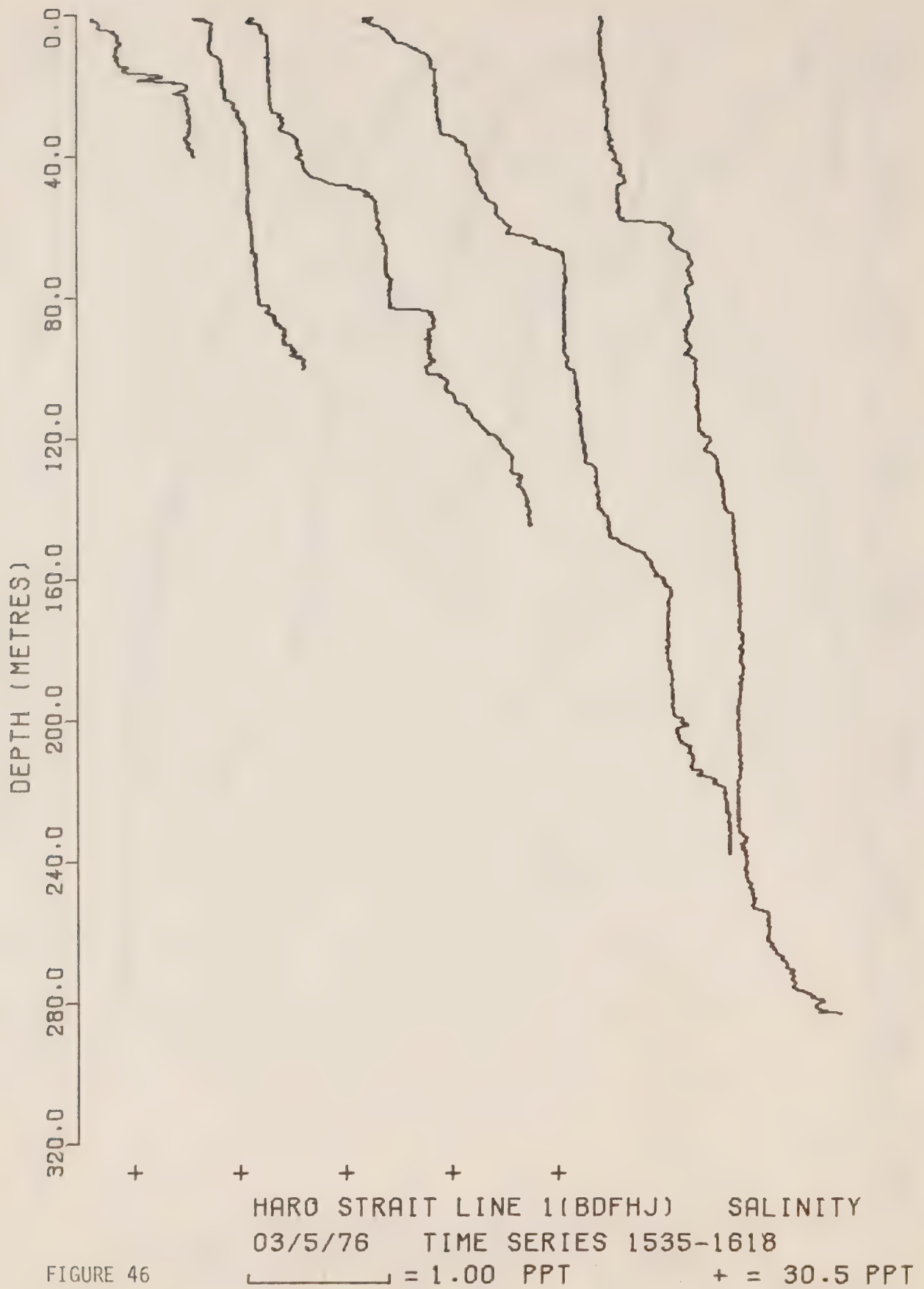


FIGURE 46

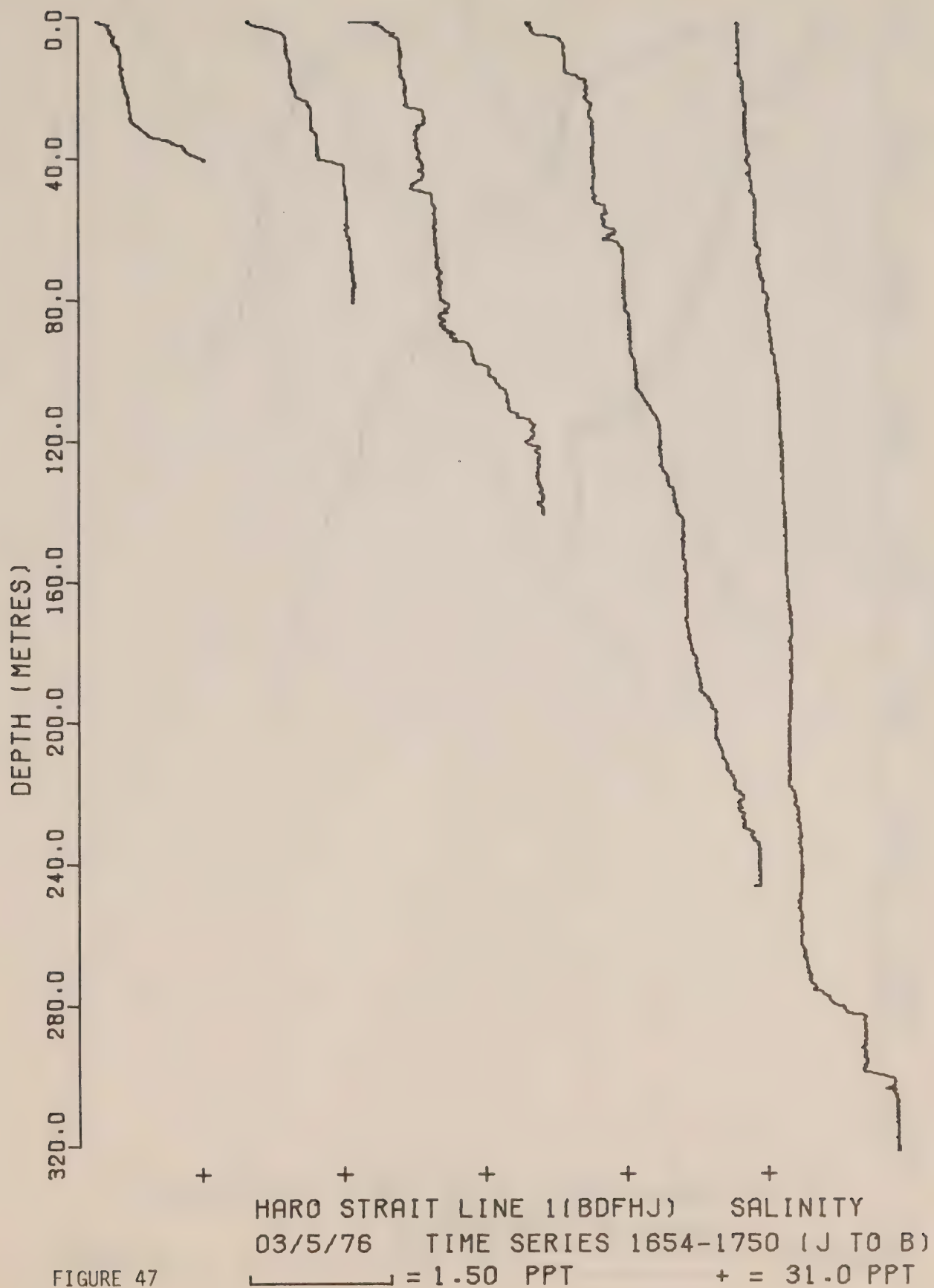


FIGURE 47

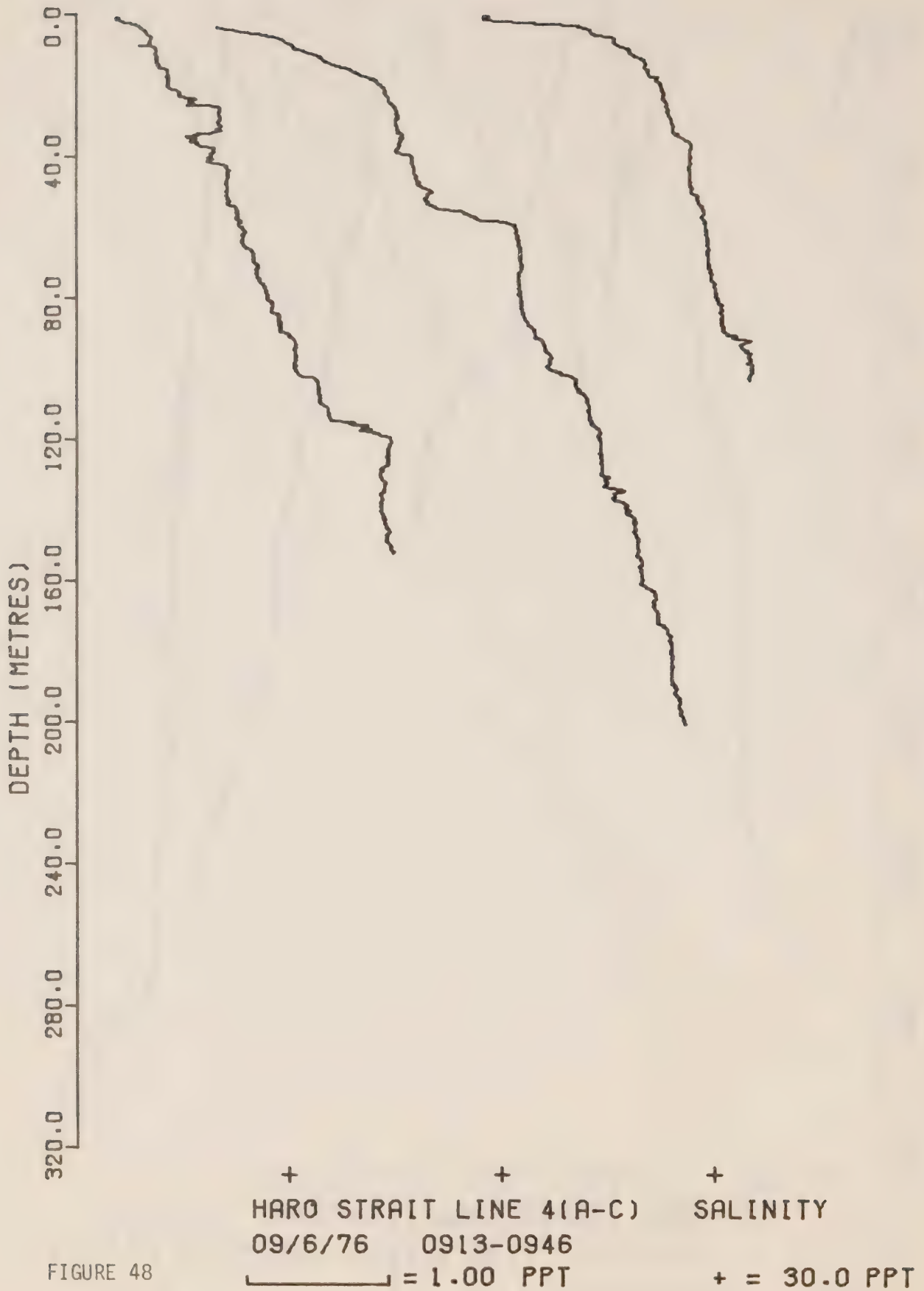


FIGURE 48

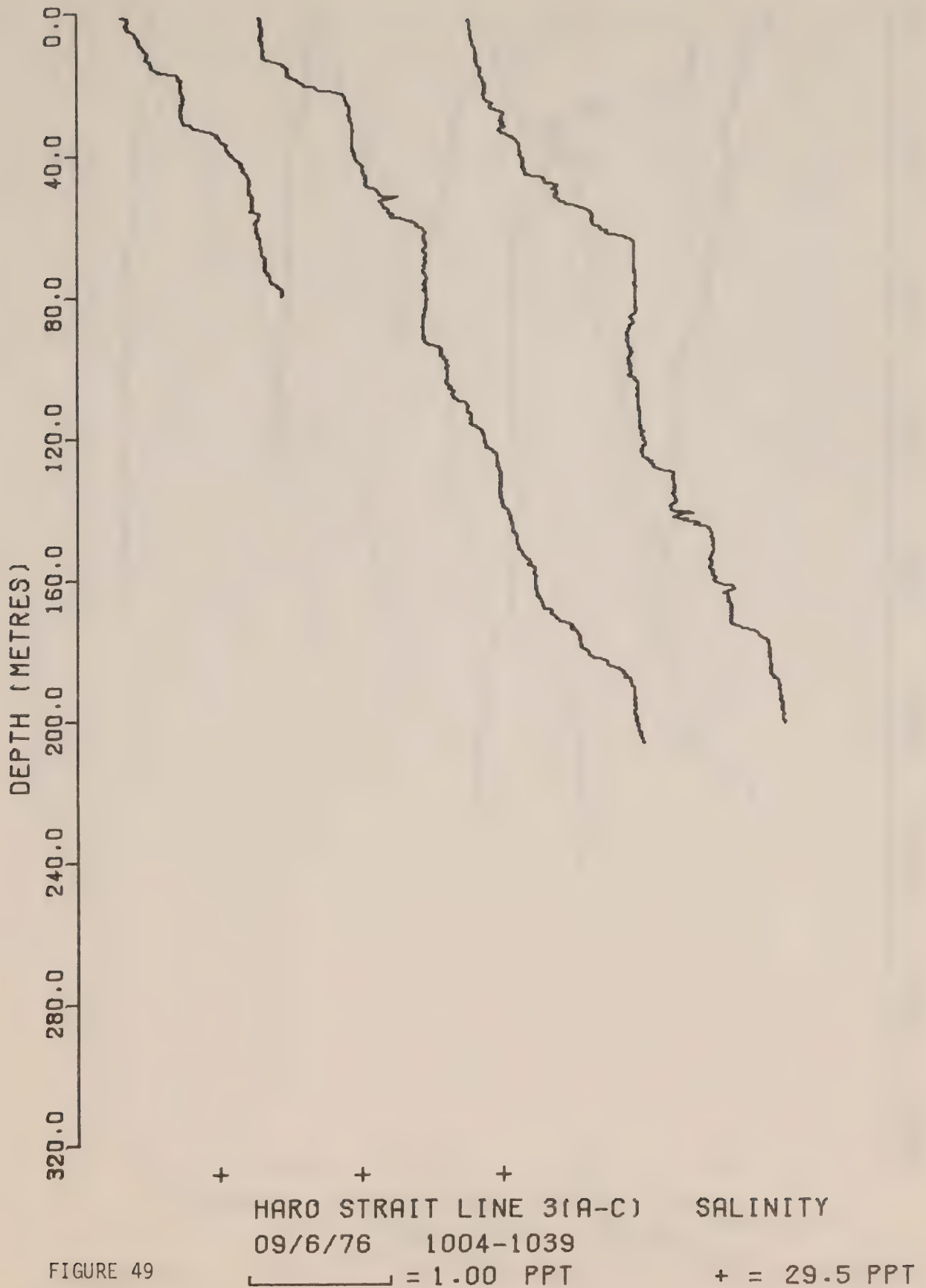


FIGURE 49

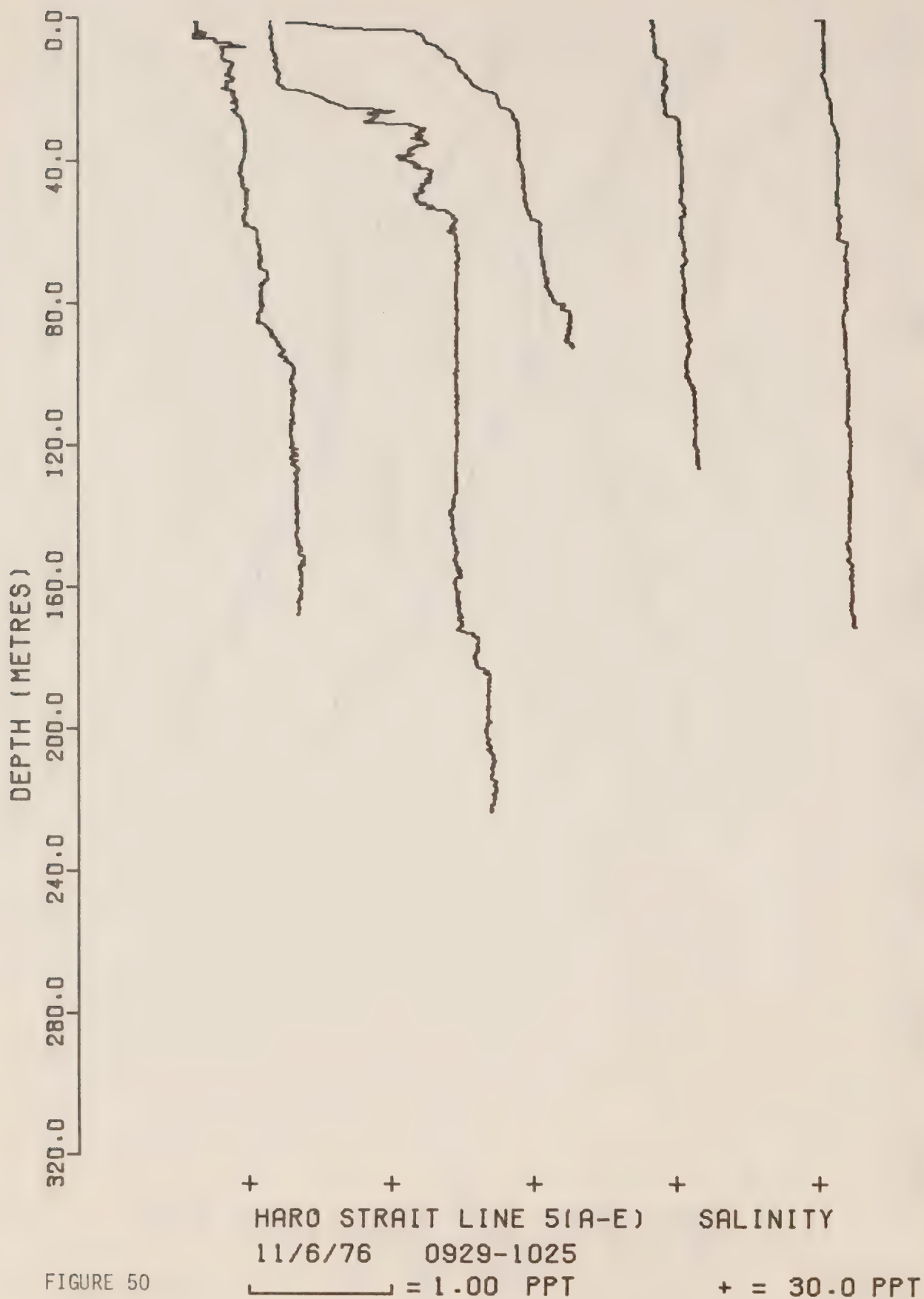


FIGURE 50

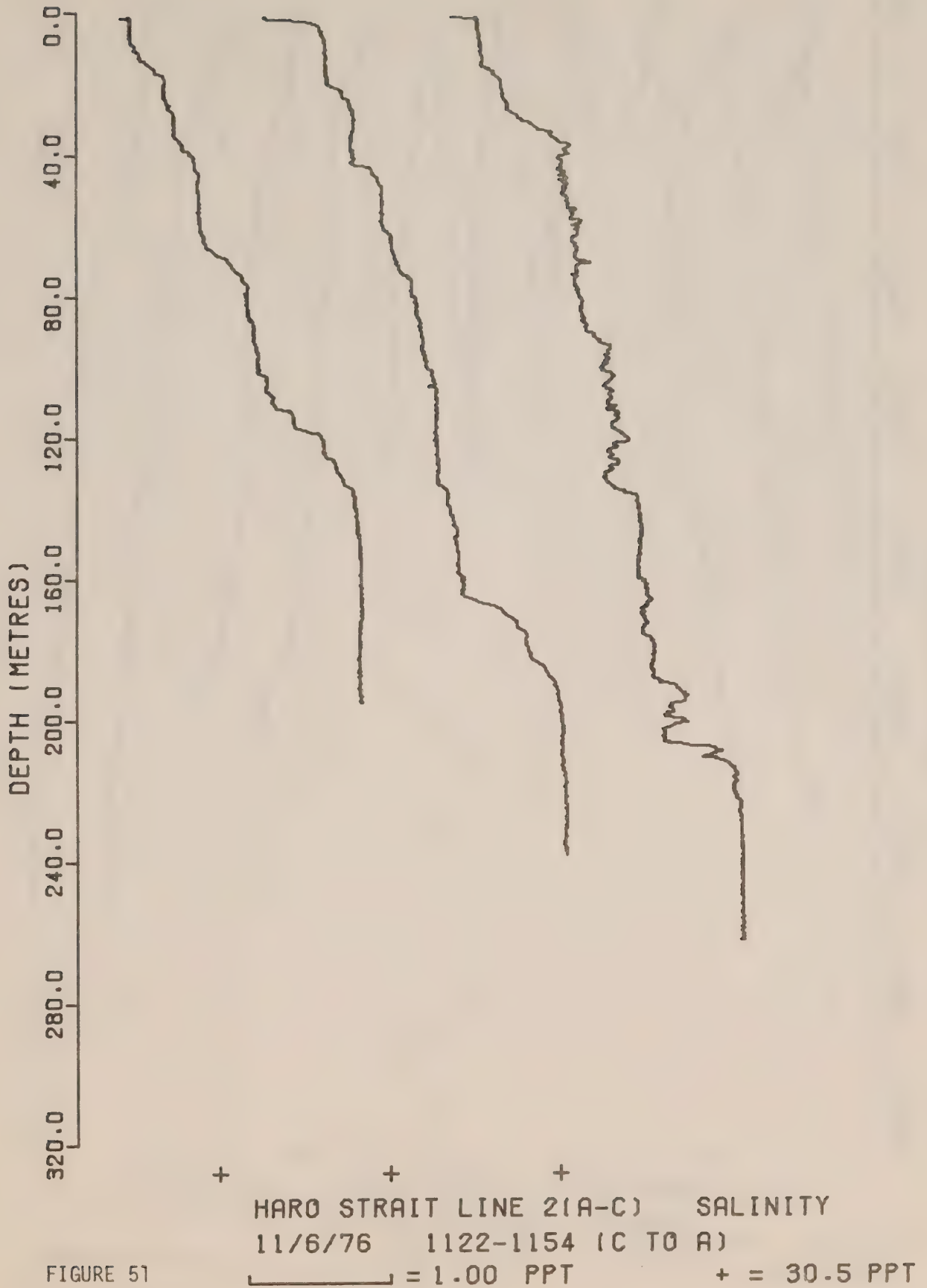


FIGURE 51

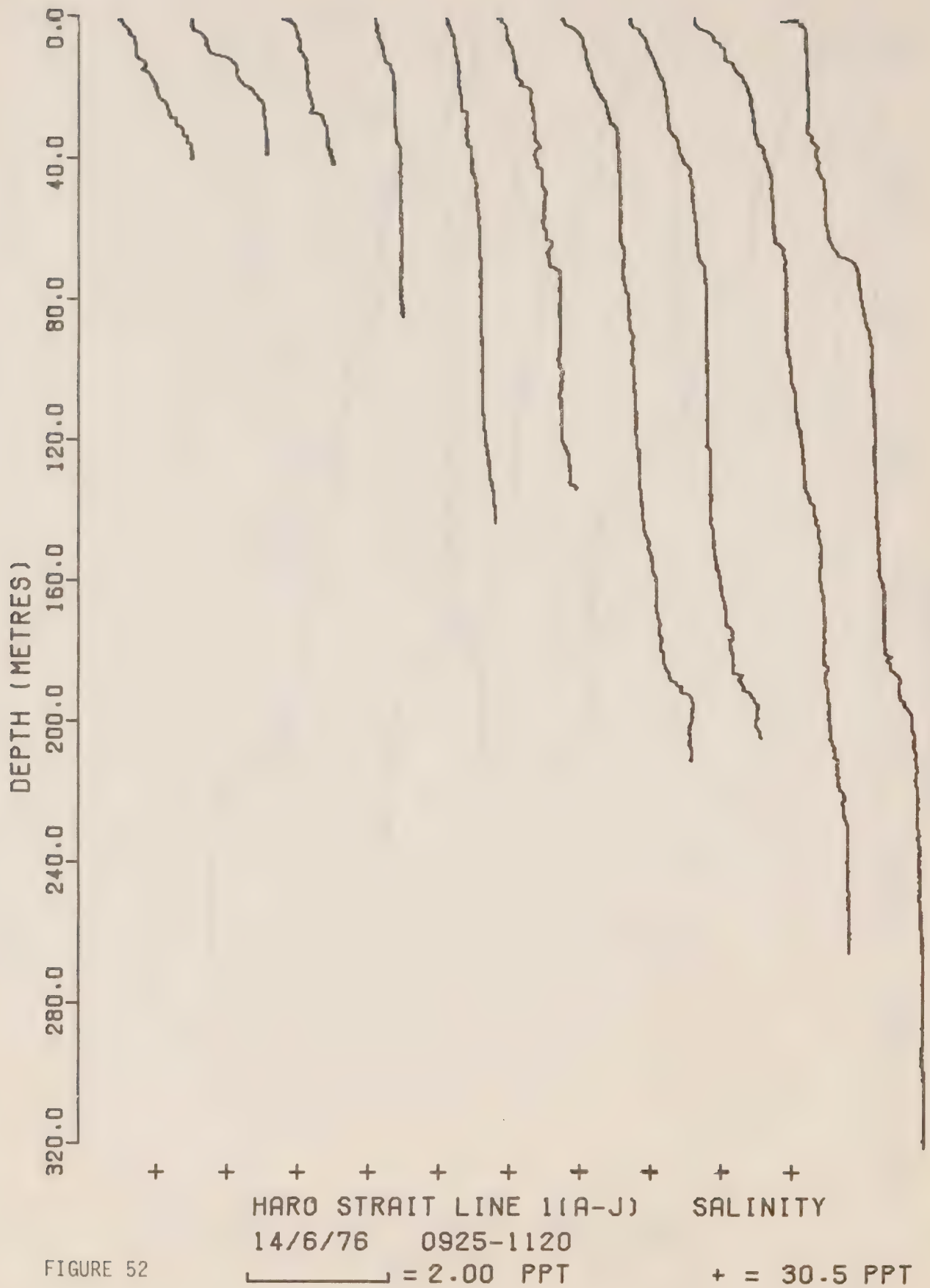


FIGURE 52

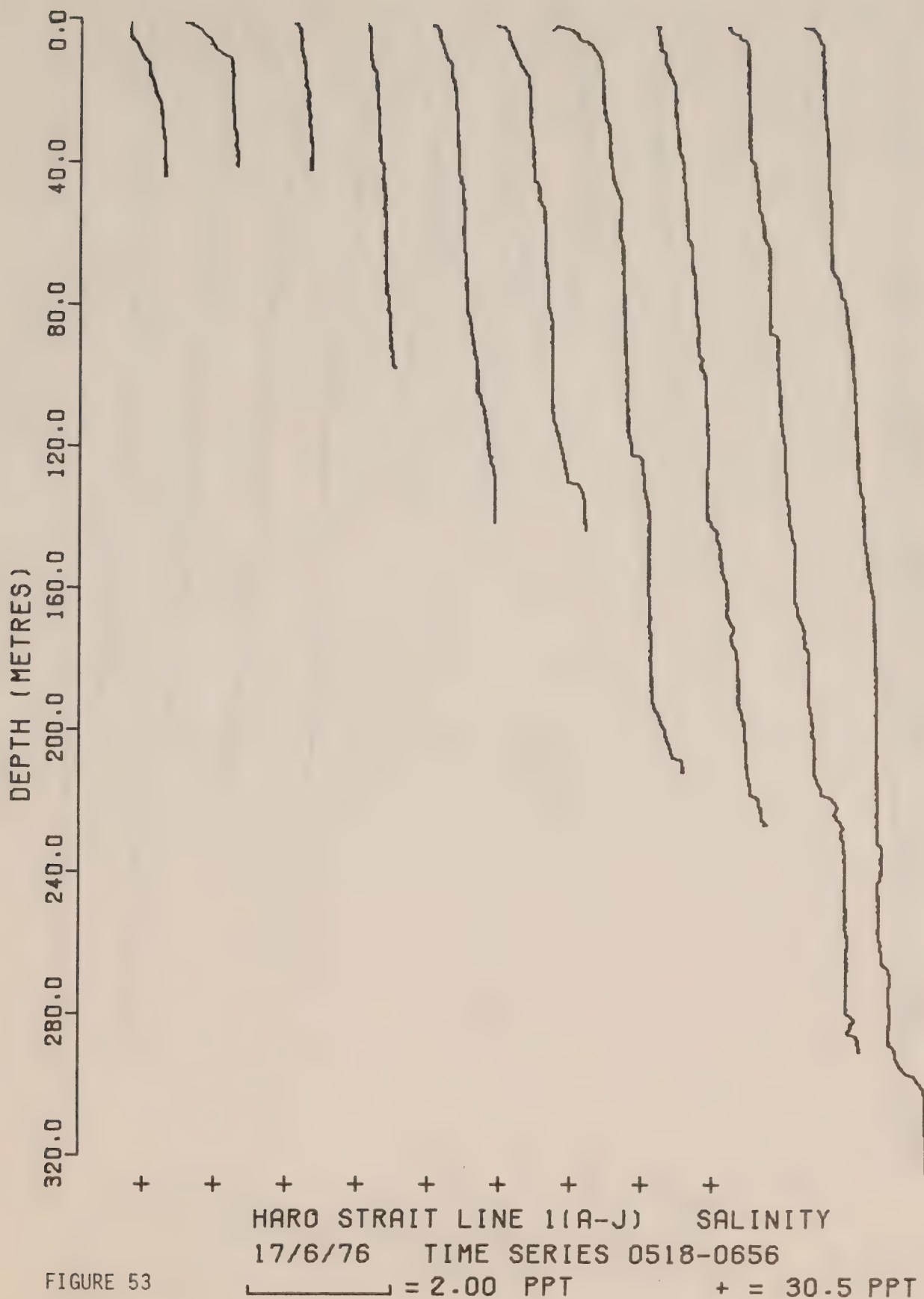


FIGURE 53

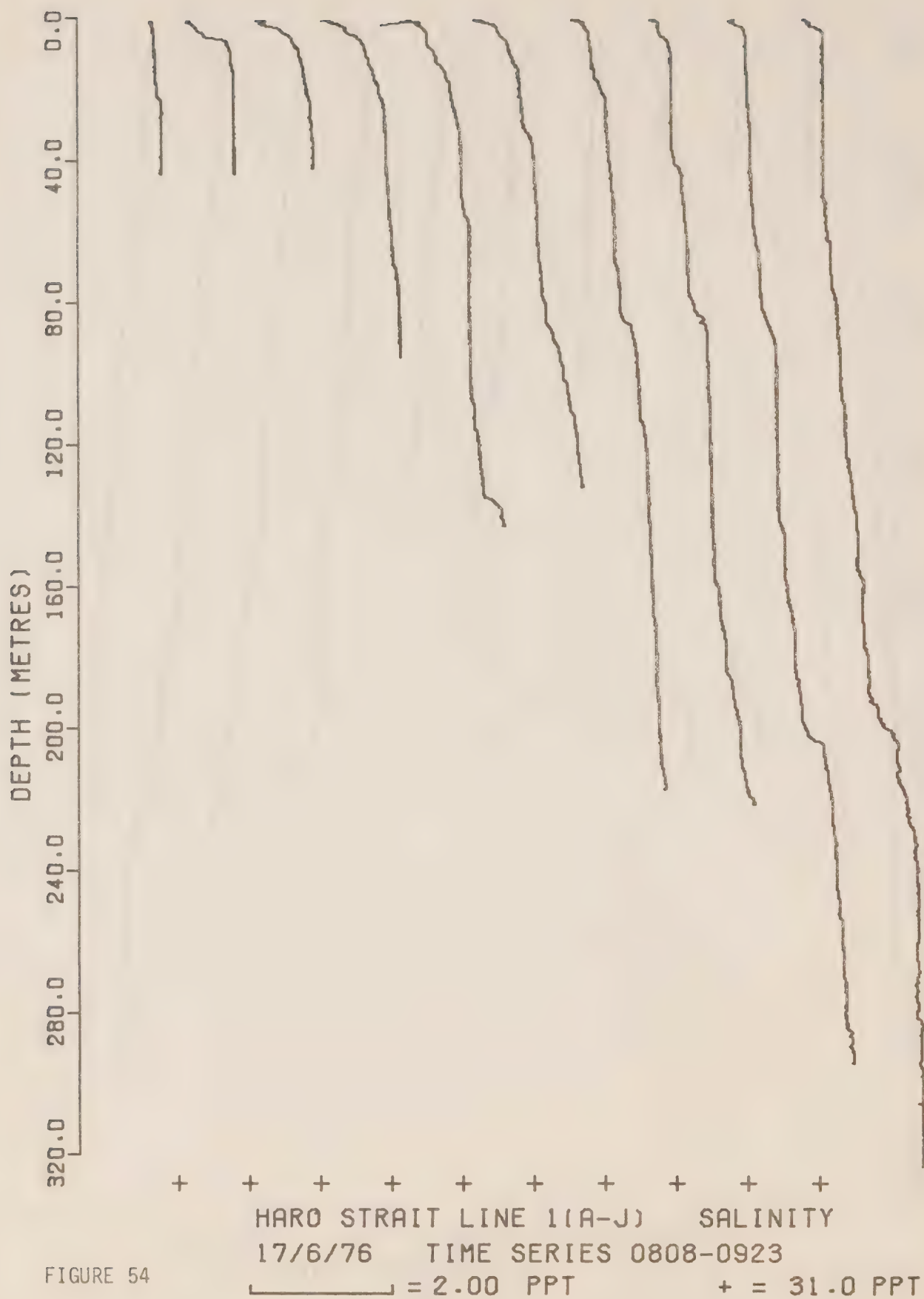


FIGURE 54

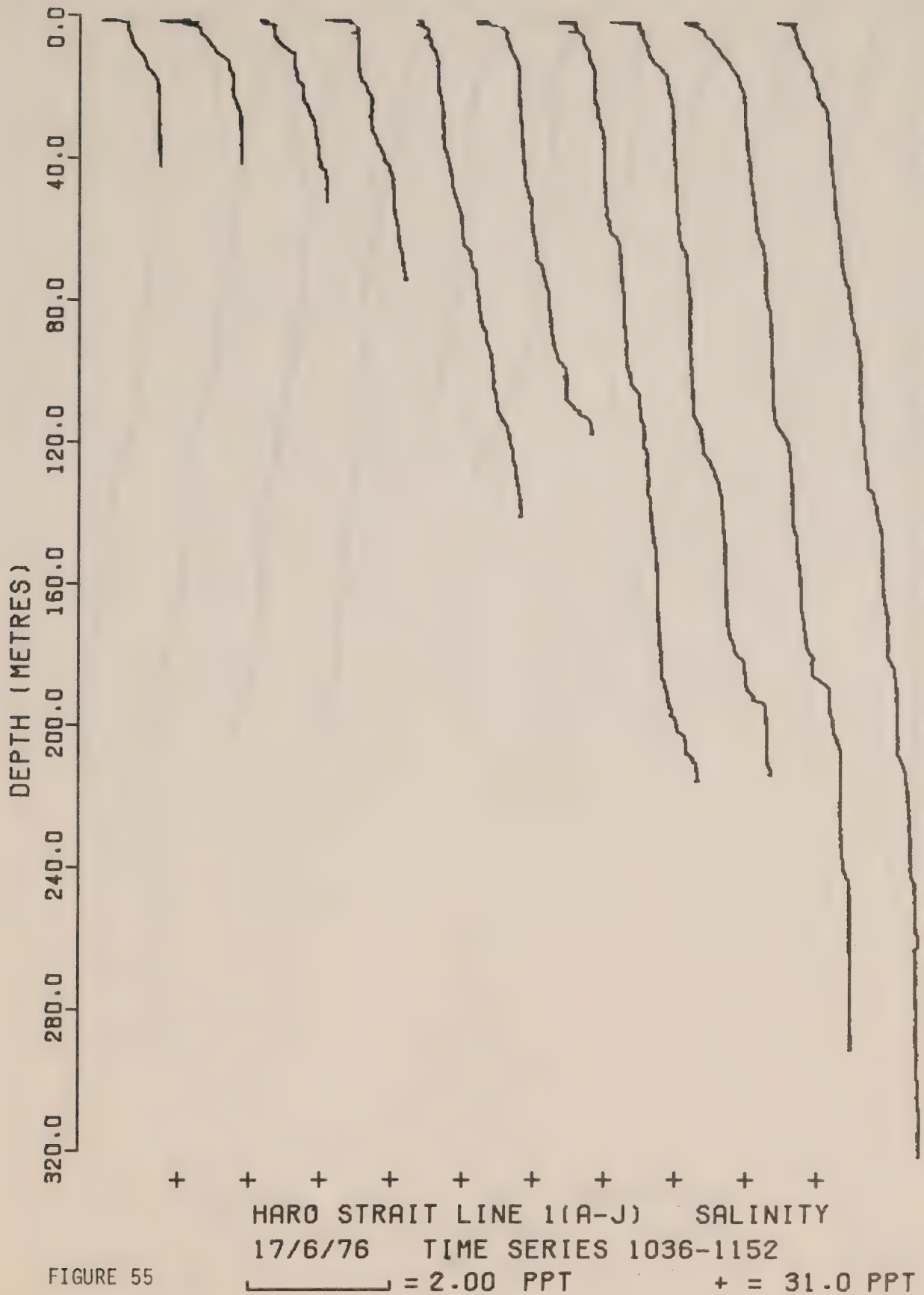


FIGURE 55

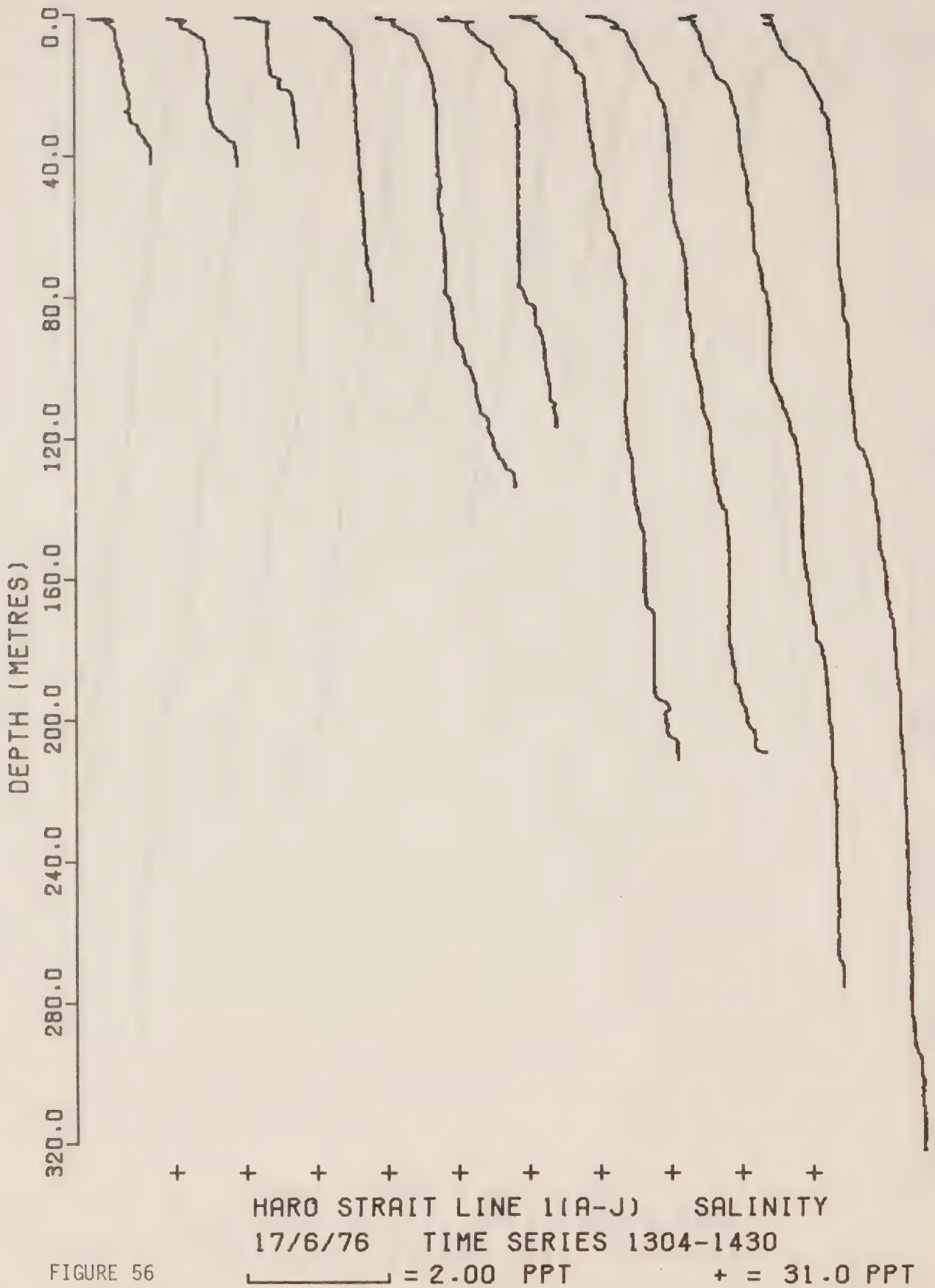


FIGURE 56

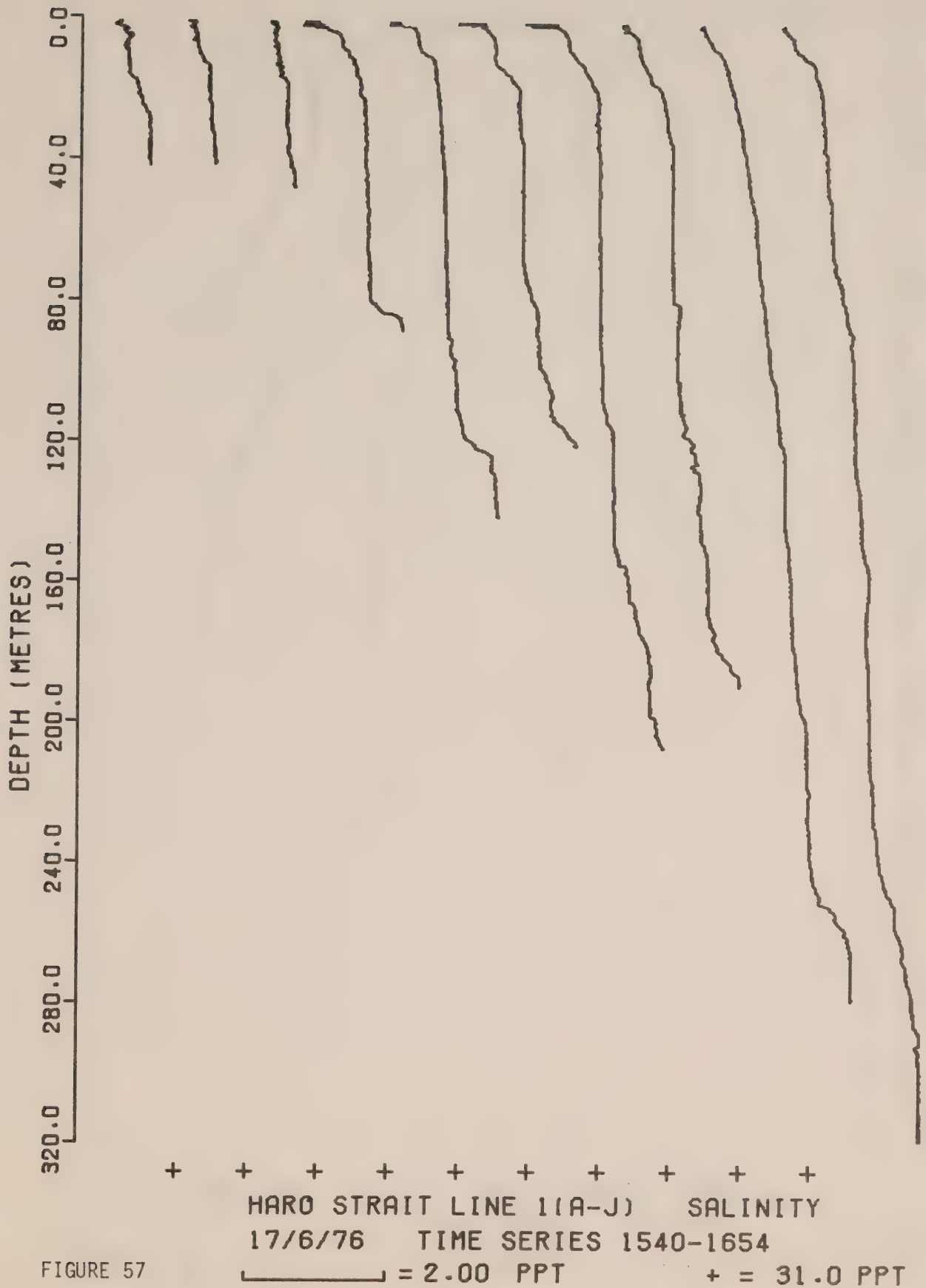


FIGURE 57

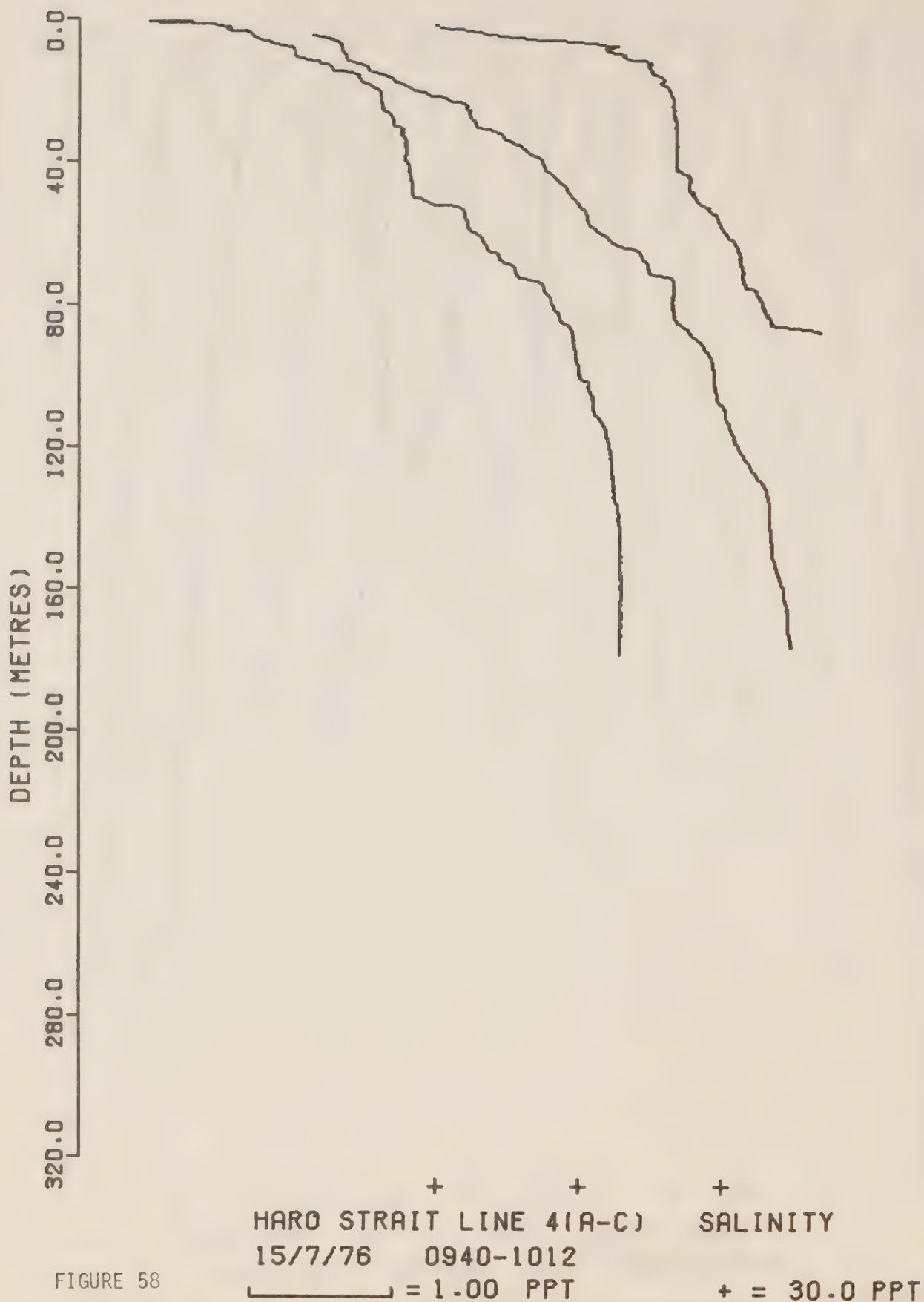


FIGURE 58

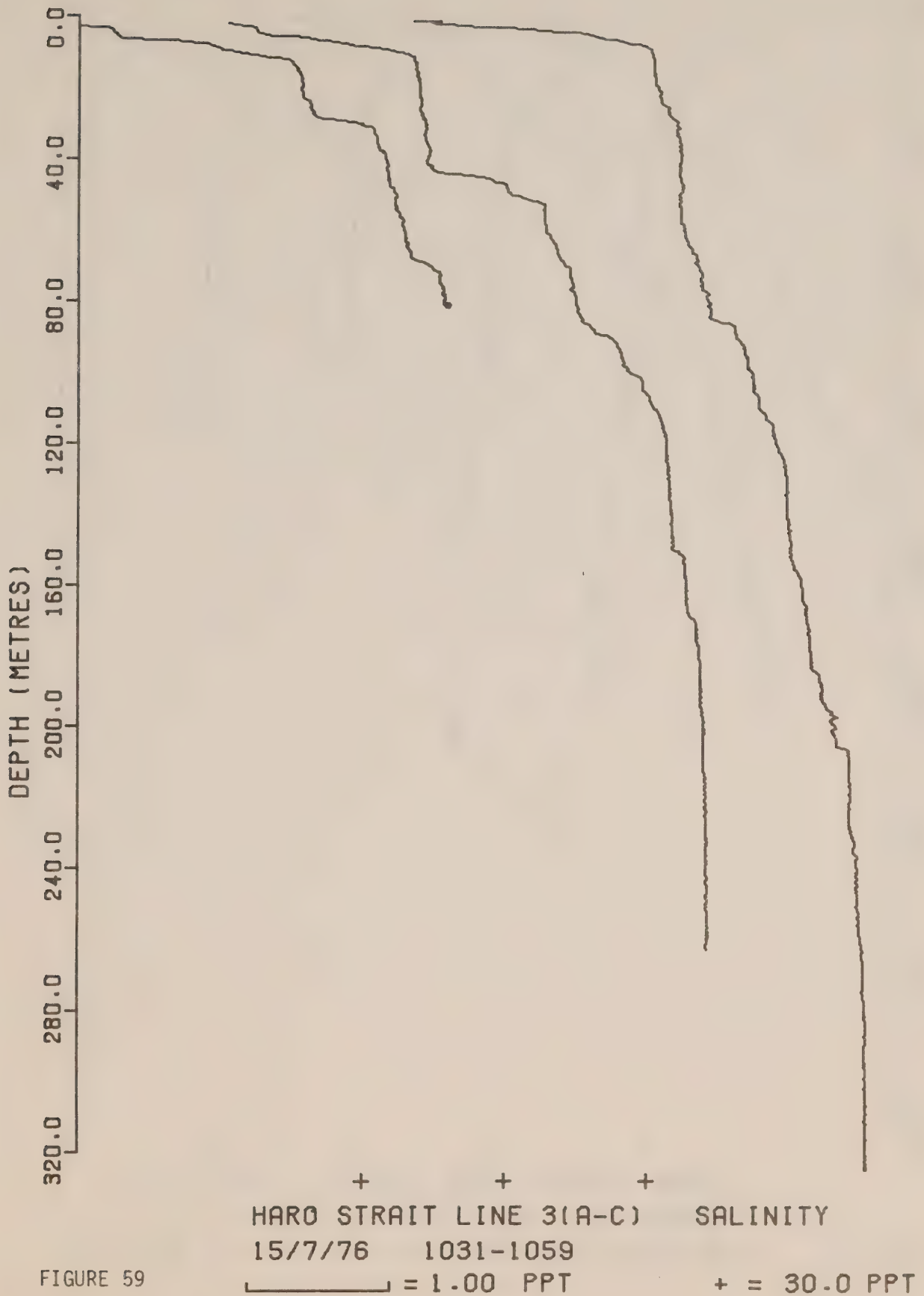


FIGURE 59

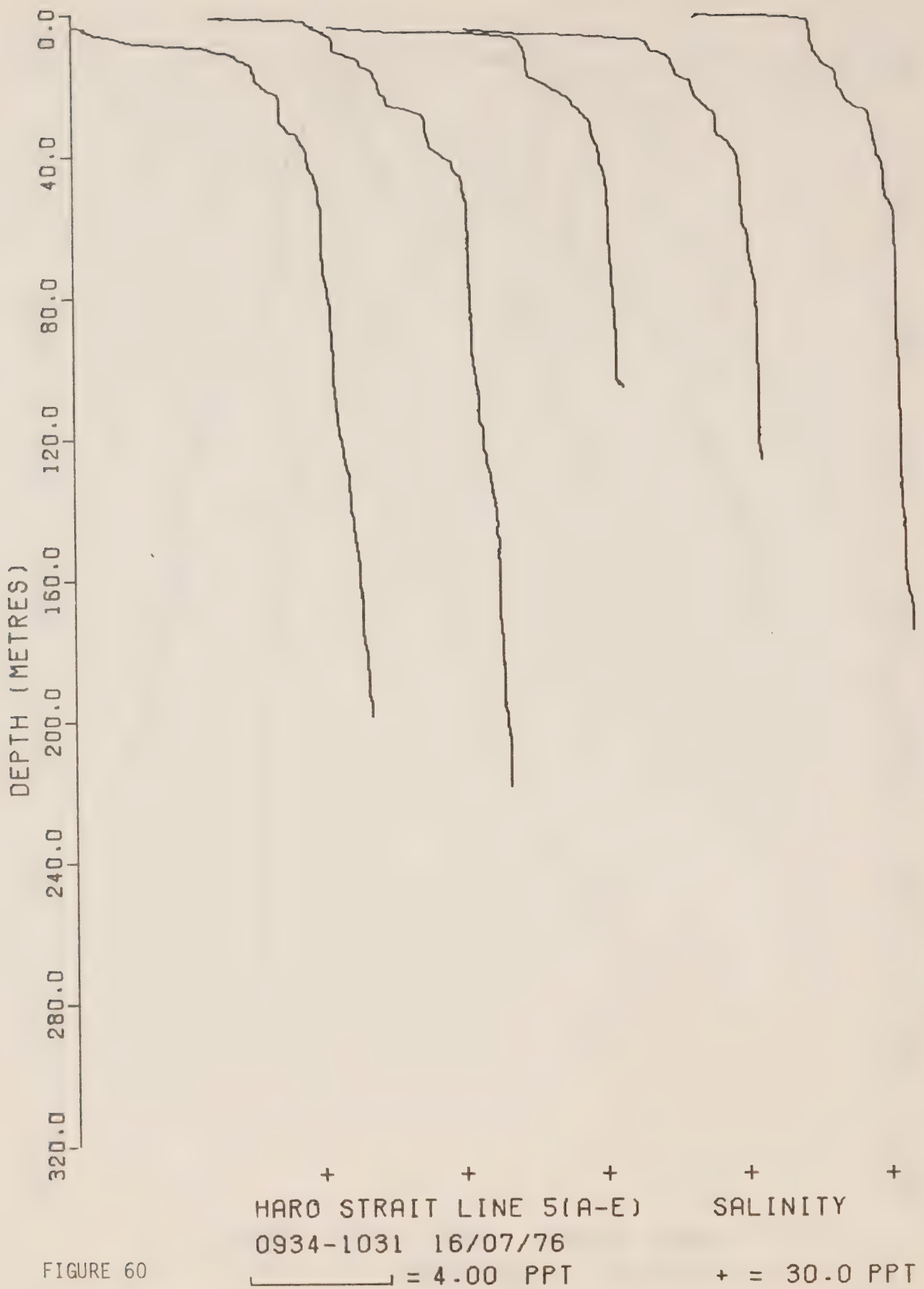


FIGURE 60

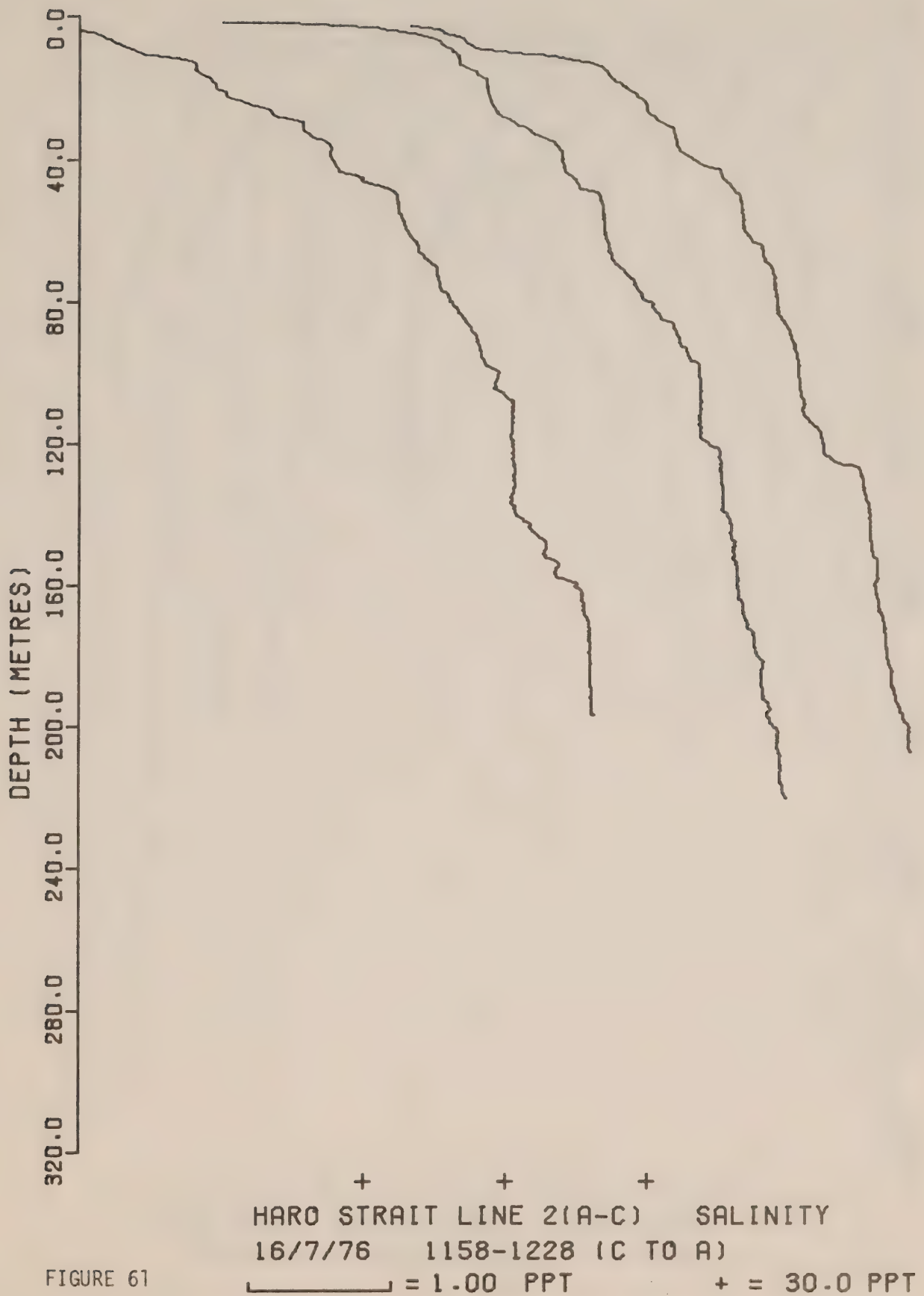


FIGURE 61

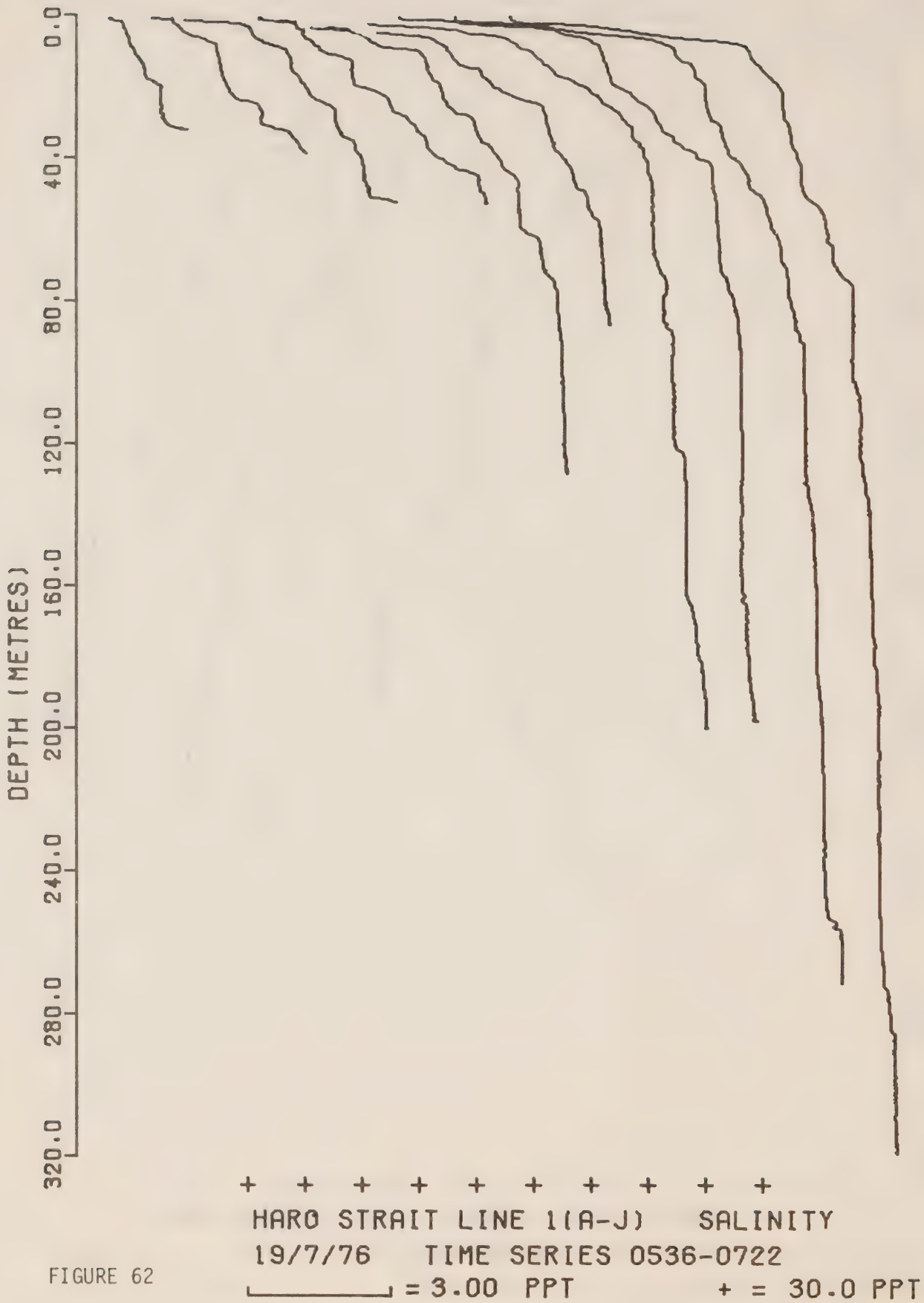


FIGURE 62

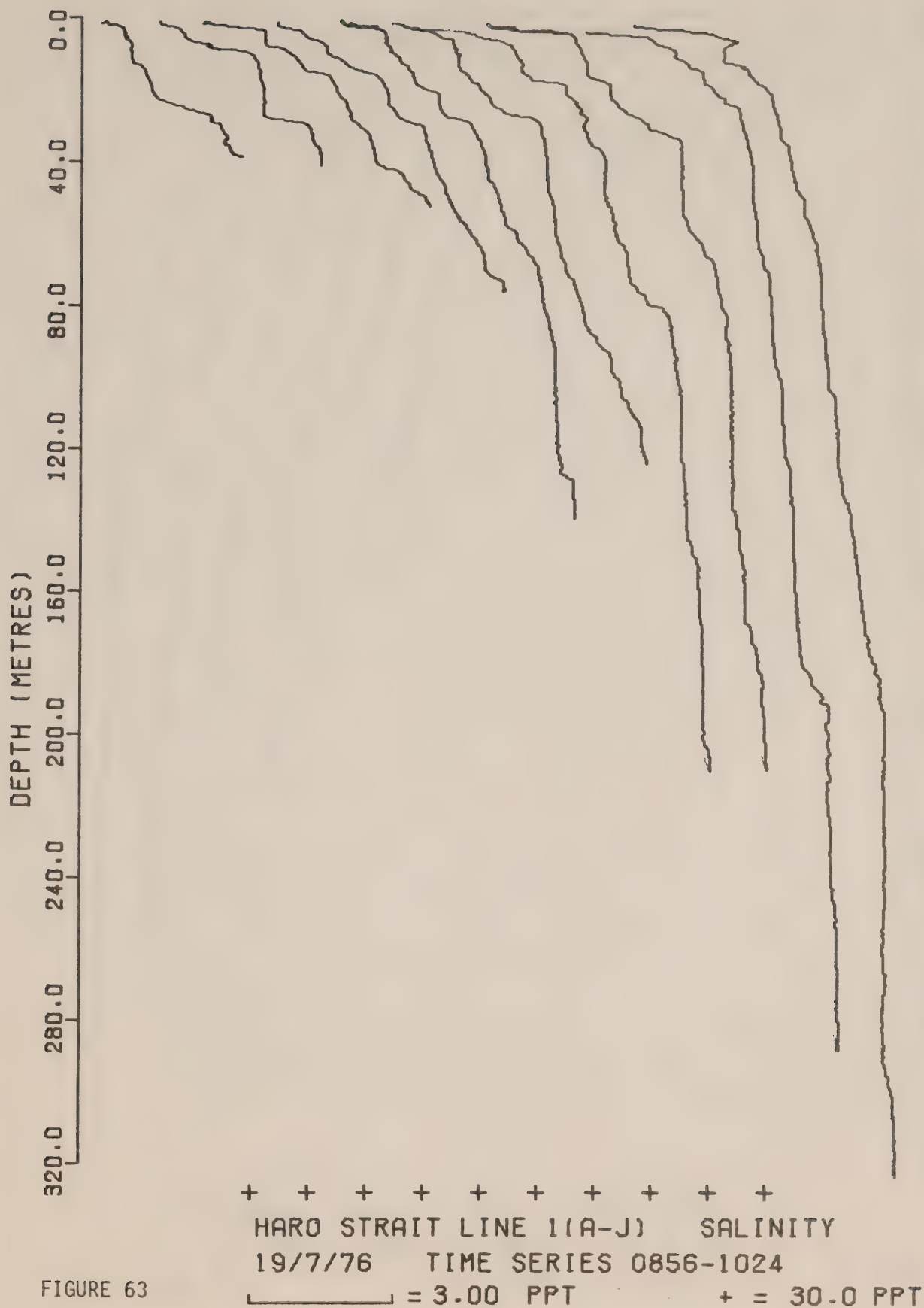


FIGURE 63

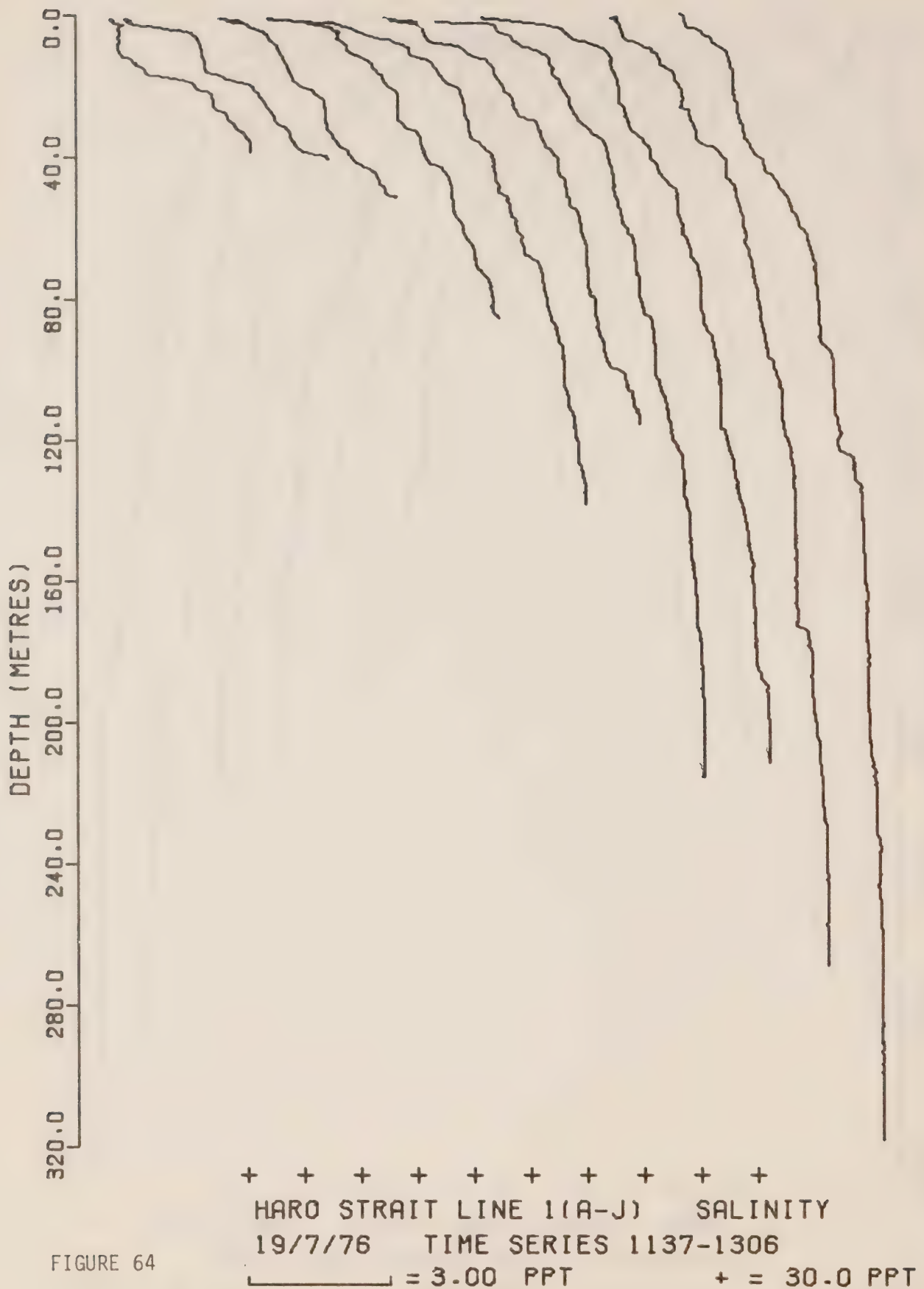


FIGURE 64

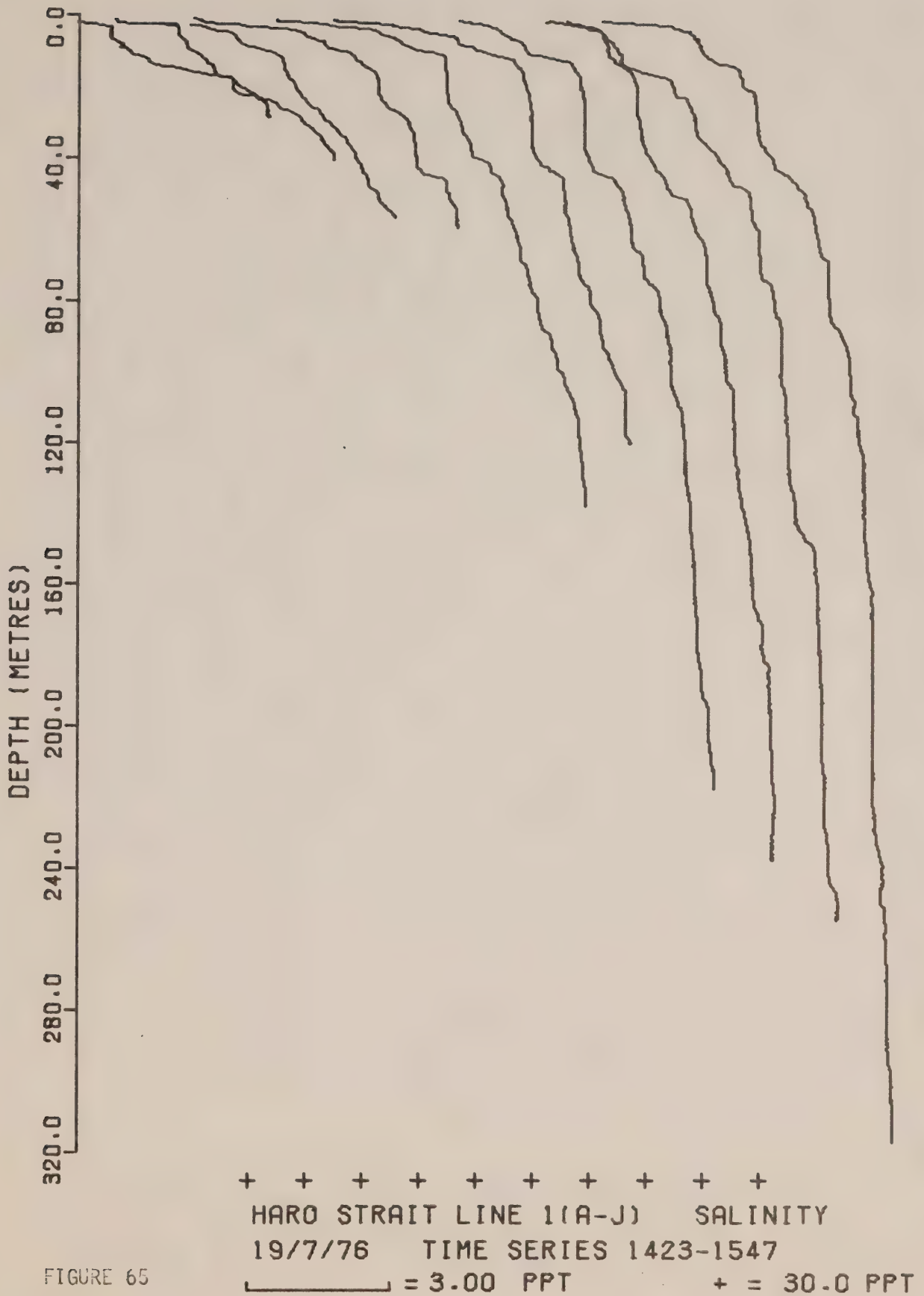


FIGURE 65

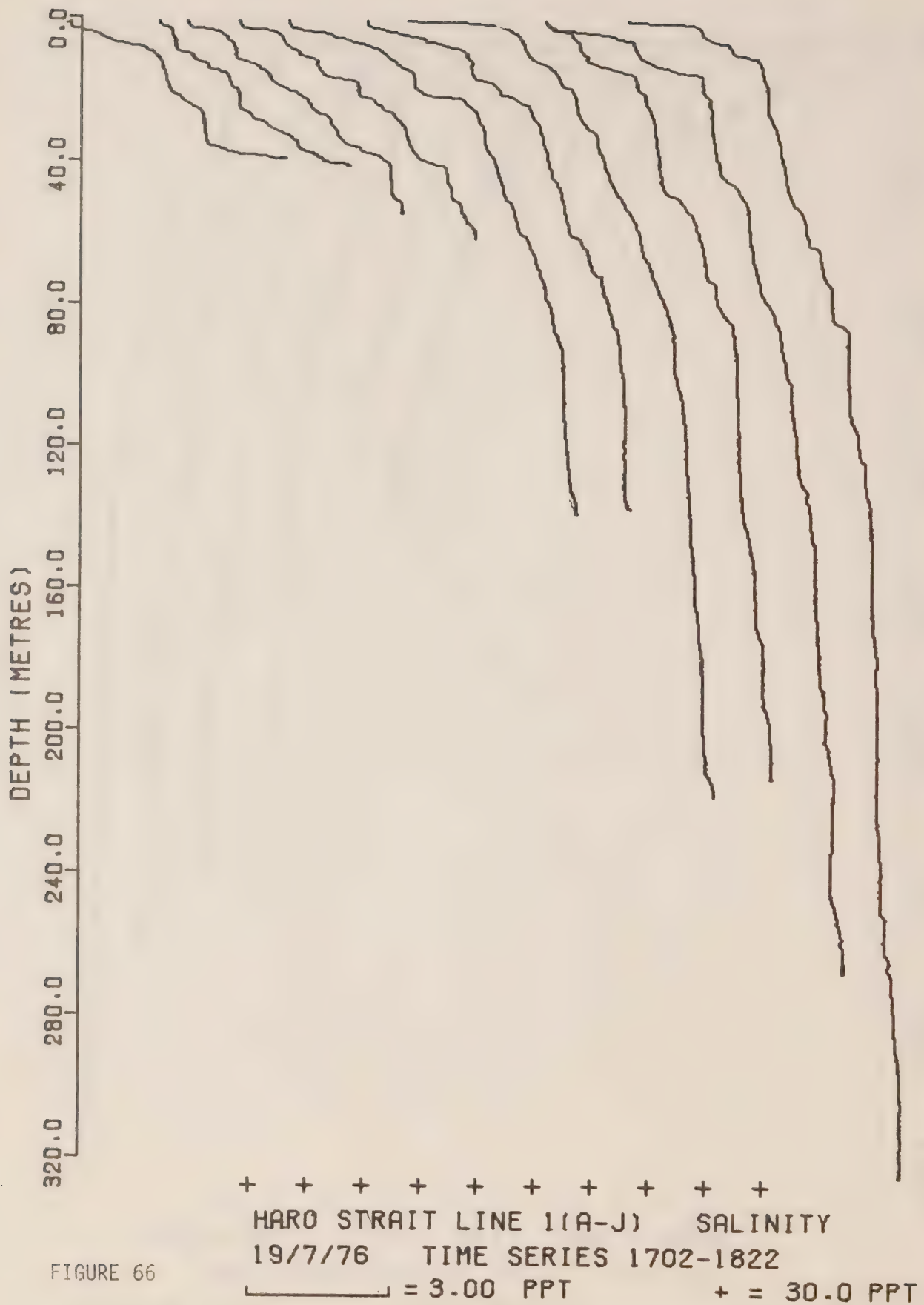


FIGURE 66

CAI
EP 321
-79R212



SALINITY/TEMPERATURE PROFILES IN HARO STRAIT, B.C.

PART II: September-October, 1976

by

Coastal Zone Oceanography Section



**INSTITUTE OF OCEAN SCIENCES, PATRICIA BAY
Sidney, B.C.**

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Institute of Ocean Sciences, Patricia Bay
Sidney, B.C.

1979

TABLE OF CONTENTS

	Page
Table of Contents	i
List of Figures	iii
PART II	
Cruise No. 4. Sept. 1-3, 1976	231
Cruise No. 5. Oct. 1-7, 1976	281
Figures	329

LIST OF FIGURES

		Page
Figures 1-2	Maps of Haro Strait and Stations	331 - 332
Figures 67-73	Plots of depth-temperature profiles Cruise No. 4	333 - 339
Figures 74-79	Plots of depth-temperature profiles Cruise No. 5	340 - 345
Figures 80-86	Plots of depth-salinity profiles Cruise No. 4	346 - 352
Figures 87-92	Plots of depth-salinity profiles Cruise No. 5	353 - 358

CRUISE No. 4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 46.86
 DATE 1/ 9/76
 TIME (PST) 1252

TAPE C20/78/ 7- 78
 LONG W123 2.50
 PASS NO. 17
 STN: LINE 5-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.28	10.47	21.68	+
2.0	2.0	28.26	10.45	21.66	1.84
5.2	5.2	28.27	10.45	21.67	1.78
10.3	10.3	28.31	10.42	21.71	+
15.1	15.1	28.52	10.32	21.88	9.17
20.1	20.2	28.66	10.26	22.01	8.64
25.2	25.3	28.96	10.09	22.26	19.69
30.2	30.3	29.38	9.81	22.63	12.78
35.2	35.3	29.59	9.69	22.82	9.72
40.2	40.3	29.66	9.67	22.87	7.62*
45.1	45.2	29.76	9.67	22.95	8.69*
50.0	50.2	29.84	9.65	23.02	10.82*
60.1	60.3	30.19	9.47	23.31	8.15
70.1	70.4	30.22	9.45	23.34	+
80.1	80.4	30.29	9.40	23.41	4.49*
90.1	90.5	30.34	9.36	23.45	7.28
100.3	100.7	30.62	9.23	23.68	5.54*
110.0	110.5	30.72	9.19	23.77	5.64*
120.3	120.9	30.95	9.09	23.97	5.71
130.2	130.8	31.00	9.07	24.01	9.99
140.1	140.7	31.27	8.95	24.24	6.02*
150.3	151.0	31.35	8.91	24.30	6.27*
160.3	161.0	31.40	8.89	24.35	3.11*
170.2	171.1	31.42	8.88	24.36	1.97*
180.0	180.9	31.42	8.88	24.37	
190.0	191.0	31.43	8.86	24.37	+

MAX DEPTH 193.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 46.04
 DATE 1/ 9/76
 TIME (PST) 1311

TAPE CZ0/78/ 7- 79
 LONG W123 1.80
 PASS NO. 19
 STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	22.88	13.19	17.05	66.12
2.1	2.1	25.00	12.22	18.85	42.13
5.1	5.1	25.88	11.90	19.58	20.21
10.2	10.2	27.92	10.90	21.33	26.32
15.2	15.3	26.30	10.57	21.68	13.66*
20.2	20.2	26.56	10.43	21.90	11.17
25.2	25.2	28.69	10.35	22.01	7.33
30.2	30.3	28.70	10.33	22.02	5.34*
35.4	35.5	28.76	10.30	22.07	4.57
40.2	40.3	28.78	10.29	22.09	6.43*
45.0	45.1	28.82	10.28	22.12	9.40
50.0	50.2	29.16	10.09	22.42	14.52
60.0	60.3	30.40	9.40	23.49	4.95*
70.2	70.4	30.46	9.37	23.54	5.08*
80.0	80.3	30.51	9.34	23.59	2.84*
90.1	90.5	30.53	9.33	23.60	4.01*
100.1	100.6	30.66	9.26	23.72	7.61
110.1	110.6	30.77	9.20	23.81	7.11*
120.1	120.7	30.92	9.12	23.94	6.76
130.0	130.6	31.06	9.04	24.06	9.61*
140.1	140.7	31.12	9.02	24.11	+
150.1	150.8	31.30	8.94	24.26	6.26*
160.1	160.9	31.32	8.92	24.28	5.08*
170.0	170.8	31.31	8.93	24.27	+
180.1	181.0	31.36	8.91	24.31	2.31*
190.2	191.1	31.36	8.91	24.31	2.90
200.2	201.1	31.35	8.92	24.30	+
210.2	211.3	31.42	8.88	24.36	3.58*
220.1	221.2	31.47	8.85	24.41	

MAX DEPTH 222.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 44.88
 DATE 1/ 9/76
 TIME (PST) 1334

TAPE CZ0/78/ 7- 80
 LONG W123 .76
 PASS NO. 21
 STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.66	11.71	20.22	32.90
2.1	2.1	27.67	10.98	21.12	33.18
5.1	5.1	28.73	10.29	22.05	21.08
10.1	10.1	29.22	10.03	22.47	15.71
15.2	15.3	29.38	9.93	22.61	10.26*
20.1	20.1	29.53	9.84	22.75	10.76
25.2	25.3	29.73	9.74	22.91	9.91
30.1	30.3	29.77	9.72	22.95	4.67*
35.0	35.1	29.80	9.70	22.98	4.77
40.2	40.3	29.88	9.65	23.05	8.24
45.3	45.4	29.95	9.62	23.11	5.54*
50.0	50.2	29.98	9.61	23.13	4.85*
60.4	60.6	30.06	9.57	23.20	4.43
70.2	70.5	30.15	9.53	23.27	4.14*
80.3	80.6	30.22	9.50	23.33	2.12*
90.2	90.5	30.23	9.49	23.35	3.10*
MAX DEPTH	98.6				

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 42.21
 DATE 1/ 9/76
 TIME (PST) 1425

TAPE CZ0/78/ 7- 81
 LONG W122 58.36
 PASS NO. 25
 STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.41	11.58	19.27	37.82
2.2	2.2	27.78	11.02	21.20	30.19
5.1	5.1	28.17	10.80	21.54	8.43
10.2	10.2	28.40	10.62	21.74	9.71
15.1	15.1	28.70	10.35	22.02	10.24
20.1	20.1	29.17	10.07	22.43	13.23
25.4	25.5	29.31	9.99	22.55	6.85
30.3	30.4	29.39	9.97	22.61	6.95*
35.3	35.4	29.49	9.93	22.70	7.82
40.1	40.2	29.59	9.88	22.78	8.67
45.2	45.4	29.72	9.82	22.90	4.10
50.1	50.3	29.76	9.81	22.93	4.93
60.4	60.6	29.80	9.79	22.96	3.32*
70.4	70.7	29.91	9.73	23.06	5.98
80.3	80.6	30.10	9.64	23.22	7.03
90.1	90.5	30.21	9.57	23.31	4.96*
100.4	100.8	30.27	9.52	23.37	3.12*
110.1	110.5	30.27	9.52	23.37	1.65*
120.4	120.9	30.29	9.51	23.39	2.28*
130.2	130.7	30.30	9.50	23.40	5.79
140.4	140.9	30.37	9.46	23.46	3.99*
150.2	150.8	30.42	9.42	23.50	3.81*
160.1	160.8	30.47	9.39	23.54	4.28*
170.0	170.7	30.52	9.36	23.59	
MAX DEPTH	174.9				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 27.36
 DATE 2/ 9/76
 TIME (PST) 0632

TAPE CZ0/78/ 7- 82
 LONG W123 15.61
 PASS NO. 27
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.02	10.85	22.18	2.31
2.2	2.2	29.02	10.85	22.18	1.72*
5.2	5.2	29.04	10.85	22.20	4.32
10.0	10.0	29.08	10.79	22.24	6.33
15.2	15.3	29.18	10.68	22.33	5.78*
20.1	20.1	29.21	10.65	22.37	7.27
25.0	25.1	29.40	10.50	22.54	19.05
30.0	30.1	29.49	10.40	22.62	6.13*
35.1	35.2	29.50	10.39	22.63	

MAX DEPTH 36.6

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 27.78
 DATE 2/ 9/76
 TIME (PST) 0641

TAPE CZ0/78/ 7- 83
 LONG W123 14.72
 PASS NO. 29
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.05	10.71	22.23	7.17*
2.0	2.1	29.09	10.69	22.27	6.61*
5.1	5.2	29.08	10.71	22.26	5.76*
10.1	10.1	29.14	10.63	22.31	6.88*
15.0	15.1	29.20	10.56	22.37	9.77*
20.3	20.4	29.44	10.38	22.59	8.27
25.1	25.2	29.74	10.20	22.85	7.47
30.0	30.1	29.78	10.16	22.89	11.30
35.1	35.2	30.17	9.78	23.25	

MAX DEPTH 35.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.02
 DATE 2/ 9/76
 TIME (PST) 0648

TAPE CZ0/78/ 7- 84
 LONG W123 13.86
 PASS NO. 31
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.08	10.67	22.27	15.10
2.0	2.0	29.09	10.66	22.27	4.11*
5.2	5.2	29.22	10.52	22.39	10.30
10.0	10.0	29.38	10.33	22.55	5.50
15.1	15.1	29.77	10.09	22.89	16.76
20.2	20.3	30.44	9.56	23.49	8.95
25.1	25.2	30.56	9.48	23.60	8.07
30.1	30.2	30.64	9.43	23.67	8.26*
35.0	35.2	30.66	9.42	23.69	1.88*
40.1	40.3	30.65	9.43	23.68	
45.0	45.2	30.64	9.43	23.67	

MAX DEPTH 45.4

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.25
 DATE 2/ 9/76
 TIME (PST) 0656

TAPE CZ0/78/ 7- 85
 LONG W123 13.23
 PASS NO. 33
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.00	10.73	22.19	10.07
2.0	2.0	29.02	10.71	22.21	2.91*
5.2	5.2	29.13	10.66	22.30	7.71
10.2	10.3	29.18	10.65	22.35	5.34
15.3	15.3	29.22	10.61	22.38	5.46*
20.3	20.3	29.25	10.53	22.41	6.36
25.0	25.1	29.36	10.33	22.53	8.42*
30.1	30.2	29.64	10.13	22.78	11.48
35.0	35.2	29.79	10.02	22.92	9.17
40.3	40.4	30.33	9.64	23.40	19.09
45.1	45.3	30.76	9.36	23.78	9.22
50.1	50.3	30.78	9.34	23.79	6.01*
60.1	60.4	30.91	9.26	23.91	8.11*
70.0	70.3	31.04	9.18	24.02	4.66
80.3	80.7	31.09	9.14	24.07	4.39
90.0	90.4	31.17	9.10	24.13	7.04
100.2	100.6	31.39	8.95	24.33	6.37*
110.0	110.6	31.45	8.91	24.38	

MAX DEPTH 116.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.48
 DATE 2/ 9/76
 TIME (PST) 0705

TAPE CZ0/78/ 7- 86
 LONG W123 12.43
 PASS NO. 35
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.06	10.65	22.25	12.11
2.3	2.3	29.16	10.44	22.36	10.29
5.4	5.4	29.23	10.37	22.43	5.87
10.1	10.1	29.29	10.30	22.49	5.90*
15.2	15.2	29.36	10.22	22.55	7.42
20.1	20.2	29.46	10.11	22.65	10.21
25.2	25.3	29.62	10.03	22.79	10.47*
30.2	30.3	29.66	10.03	22.82	11.52
35.0	35.2	30.15	9.71	23.24	6.01
40.1	40.2	30.28	9.62	23.36	8.60*
45.2	45.4	30.39	9.54	23.46	9.18*
50.2	50.4	30.43	9.51	23.50	9.05*
60.1	60.4	30.92	9.23	23.92	12.50
70.2	70.6	31.34	8.98	24.28	10.04*
80.1	80.5	31.34	8.97	24.29	.76*
90.0	90.4	31.34	8.97	24.29	1.05*
100.2	100.7	31.36	8.97	24.30	2.03*
110.1	110.7	31.38	8.96	24.32	2.05*
120.1	120.7	31.39	8.95	24.33	5.52
130.1	130.8	31.52	8.87	24.44	
140.1	140.8	31.55	8.85	24.47	

MAX DEPTH 140.9

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.74
 DATE 2/ 9/76
 TIME (PST) 0715

TAPE CZ0/78/ 7- 87
 LONG W123 11.86
 PASS NO. 37
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.08	10.57	22.27	13.15*
2.1	2.1	29.10	10.52	22.30	4.13*
5.3	5.3	29.30	10.27	22.50	10.35*
10.0	10.0	29.35	10.24	22.54	7.55*
15.3	15.3	29.37	10.22	22.56	4.75*
20.3	20.4	29.41	10.17	22.60	4.75
25.3	25.4	29.52	10.06	22.70	6.89
30.2	30.3	29.58	10.03	22.75	8.13*
35.3	35.4	29.74	9.93	22.89	13.12
40.3	40.5	29.93	9.82	23.06	12.03*
45.3	45.4	30.03	9.75	23.15	8.61
50.3	50.5	30.17	9.67	23.27	10.38
60.3	60.6	30.67	9.39	23.70	13.27
70.3	70.6	31.31	8.97	24.27	7.33*
80.2	80.6	31.41	8.92	24.35	3.62*
90.2	90.7	31.41	8.92	24.35	2.09*
100.1	100.5	31.46	8.90	24.39	4.60
110.1	110.6	31.49	8.88	24.42	2.05*
120.1	120.7	31.54	8.84	24.47	+

MAX DEPTH 126.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 2/ 9/76
 TIME (PST) 0725

TAPE CZ0/78/ 7- 88
 LONG W123 11.04
 PASS NO. 39
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.34	10.09	22.56	2.28*
2.1	2.1	29.32	10.08	22.54	.74*
5.0	5.0	29.34	10.08	22.56	1.97*
10.3	10.3	29.34	10.08	22.56	1.67*
15.1	15.1	29.34	10.09	22.56	1.36*
20.3	20.4	29.36	10.10	22.57	1.55*
25.2	25.3	29.36	10.10	22.57	1.77*
30.3	30.4	29.43	10.10	22.62	8.85
35.1	35.2	30.11	9.71	23.22	18.99
40.1	40.2	30.42	9.51	23.49	11.26
45.2	45.4	30.55	9.42	23.61	11.04
50.1	50.3	30.75	9.30	23.78	12.88
60.2	60.5	31.29	8.99	24.25	8.53
70.1	70.4	31.45	8.89	24.38	7.65
80.2	80.6	31.59	8.80	24.51	3.67*
90.2	90.7	31.63	8.78	24.54	2.67*
100.1	100.6	31.63	8.78	24.55	.79*
110.2	110.8	31.64	8.78	24.55	.89*
120.1	120.7	31.64	8.78	24.55	+
130.2	130.9	31.65	8.77	24.56	4.21*
140.1	140.8	31.75	8.71	24.64	4.83*
150.1	150.9	31.79	8.68	24.68	2.70*
160.1	160.9	31.80	8.68	24.69	3.43*
170.2	171.1	31.88	8.62	24.76	4.39*
180.2	181.1	31.92	8.60	24.80	3.16*
190.2	191.2	31.96	8.57	24.83	5.49*
200.1	201.2	32.17	8.41	25.02	10.34
210.1	211.3	32.27	8.33	25.11	3.57*
220.0	221.3	32.30	8.31	25.14	

MAX DEPTH 227.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 29.24
 DATE 2/ 9/76
 TIME (PST) 0737

TAPE CZ0/78/ 7- 89
 LONG W123 10.40
 PASS NO. 41
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	26.85	10.12	20.62	38.07
2.2	2.2	29.41	10.04	22.62	18.03
5.2	5.2	29.46	10.01	22.66	5.54
10.2	10.3	29.51	10.00	22.71	3.55*
15.3	15.4	29.52	10.00	22.71	4.24
20.1	20.2	29.52	10.01	22.71	5.59
25.1	25.2	29.51	10.01	22.70	+
30.2	30.3	29.77	9.91	22.92	14.96
35.0	35.2	30.02	9.76	23.14	9.31
40.3	40.5	30.32	9.57	23.40	15.49
45.1	45.3	30.61	9.38	23.66	5.77
50.1	50.3	30.70	9.34	23.73	11.64
60.1	60.4	31.18	9.07	24.15	8.78
70.1	70.5	31.42	8.91	24.36	8.88
80.4	80.8	31.61	8.79	24.53	4.48
90.3	90.7	31.66	8.76	24.57	3.72*
100.2	100.7	31.70	8.74	24.60	3.24
110.2	110.7	31.74	8.72	24.64	4.28
120.0	120.7	31.73	8.72	24.63	+
130.1	130.8	31.74	8.72	24.64	1.67*
140.2	140.9	31.76	8.71	24.66	3.03*
150.1	150.9	31.82	8.67	24.71	4.45
160.2	161.0	31.89	8.63	24.77	2.45*
170.0	170.9	31.94	8.59	24.81	8.48*
180.1	181.1	32.14	8.43	25.00	4.29*
190.2	191.3	32.20	8.39	25.05	4.54*
200.0	201.1	32.21	8.38	25.05	1.47*
210.1	211.3	32.22	8.37	25.06	1.84*
220.3	221.5	32.23	8.36	25.07	3.84*
230.2	231.5	32.37	8.25	25.20	5.24*
240.1	241.5	32.43	8.21	25.25	4.68

MAX DEPTH 245.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 29.46
 DATE 2/ 9/76
 TIME (PST) 0749

TAPE CZ0/78/ 7- 90
 LONG W123 9.50
 PASS NO. 43
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.01	10.26	22.28	16.63*
2.2	2.2	29.01	10.26	22.27	5.65*
5.3	5.3	29.51	9.96	22.71	14.83*
10.2	10.3	29.60	9.91	22.79	13.04*
15.1	15.1	29.60	9.91	22.79	11.25*
20.1	20.1	29.61	9.92	22.79	+
25.2	25.3	29.64	9.92	22.82	7.66*
30.2	30.3	29.78	9.84	22.94	9.11
35.0	35.2	29.90	9.79	23.04	5.04
40.3	40.4	30.30	9.56	23.39	19.72
45.1	45.3	30.56	9.40	23.62	9.06
50.2	50.4	30.95	9.21	23.95	9.56
60.1	60.3	31.19	9.06	24.15	6.26
70.1	70.4	31.29	8.99	24.25	4.97*
80.2	80.6	31.37	8.94	24.32	4.46*
90.2	90.6	31.48	8.87	24.41	6.35
100.0	100.5	31.65	8.76	24.56	6.01*
110.0	110.6	31.64	8.78	24.55	+
120.1	120.7	31.72	8.73	24.63	2.45*
130.3	131.0	31.74	8.72	24.64	.92*
140.3	141.0	31.79	8.69	24.68	8.45
150.3	151.1	31.89	8.62	24.77	1.96*
160.2	161.0	31.95	8.58	24.82	5.86
170.2	171.1	32.10	8.46	24.96	6.50
180.2	181.2	32.16	8.41	25.02	3.31*
190.1	191.2	32.17	8.41	25.02	1.00*
200.4	201.5	32.17	8.40	25.03	2.14*
210.2	211.3	32.20	8.39	25.05	2.54*
220.4	221.7	32.21	8.38	25.06	3.42
230.0	231.3	32.26	8.35	25.10	3.47*
240.0	241.4	32.29	8.32	25.13	3.05
250.4	251.8	32.35	8.28	25.18	5.10*
260.3	261.8	32.43	8.21	25.26	

MAX DEPTH 265.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 2/ 9/76
 TIME (PST) 0807

TAPE CZ0/78/ 7- 91
 LONG W123 8.86
 PASS NO. 45
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.06	10.26	22.32	2.43
2.4	2.4	29.43	10.03	22.64	18.49
5.2	5.2	29.87	9.76	23.03	13.95
10.1	10.2	30.17	9.60	23.28	16.28*
15.3	15.3	30.23	9.57	23.34	5.58*
20.2	20.3	30.26	9.56	23.36	4.71
25.1	25.2	30.31	9.53	23.40	6.41*
30.2	30.4	30.48	9.46	23.55	8.64
35.2	35.3	30.55	9.43	23.60	5.44
40.2	40.4	30.55	9.43	23.60	3.89*
45.1	45.3	30.55	9.42	23.60	5.74
50.2	50.4	30.63	9.39	23.67	8.02*
60.3	60.5	30.82	9.29	23.84	20.57
70.2	70.6	31.26	9.03	24.21	6.15*
80.1	80.5	31.46	8.91	24.39	6.60*
90.1	90.5	31.60	8.81	24.51	7.43
100.2	100.7	31.68	8.75	24.59	3.65*
110.2	110.8	31.71	8.73	24.62	1.41*
120.1	120.7	31.73	8.72	24.63	2.66*
130.1	130.8	31.76	8.70	24.66	4.53*
140.2	141.0	31.81	8.67	24.70	1.83*
150.2	150.9	31.82	8.67	24.71	4.16*
160.2	161.1	31.85	8.65	24.73	2.97*
170.2	171.1	31.87	8.63	24.75	2.66*
180.1	181.0	31.88	8.62	24.76	2.15*
190.1	191.1	31.89	8.62	24.77	1.75*
200.2	201.3	31.88	8.63	24.76	+
210.0	211.1	31.87	8.64	24.75	+
220.0	221.2	31.88	8.63	24.76	1.45*
230.0	231.2	31.88	8.63	24.76	3.01*
240.1	241.4	31.92	8.61	24.79	5.63*
250.0	251.4	32.01	8.55	24.87	6.16*
260.2	261.6	32.12	8.46	24.98	4.40*
270.1	271.6	32.17	8.44	25.02	4.41*
280.2	281.7	32.20	8.42	25.05	3.15*
290.2	291.8	32.25	8.40	25.08	5.07*
300.2	301.9	32.39	8.28	25.21	8.03
310.2	312.0	32.47	8.22	25.28	

MAX DEPTH 310.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 27.36
 DATE 2/ 9/76
 TIME (PST) 0935

TAPE CZ0/78/ 7- 92
 LONG W123 15.61
 PASS NO. 47
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.01	10.90	22.17	+
2.0	2.0	29.01	10.89	22.17	1.47*
5.1	5.2	29.01	10.86	22.18	3.64*
10.1	10.2	29.05	10.79	22.22	8.87*
15.2	15.3	29.22	10.54	22.39	14.10*
20.1	20.2	29.62	10.26	22.74	8.10
25.1	25.2	29.67	10.21	22.79	5.43
30.2	30.3	29.91	10.02	23.02	9.23
35.2	35.3	29.97	9.97	23.07	

MAX DEPTH 39.8

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 27.78
 DATE 2/ 9/76
 TIME (PST) 0942

TAPE CZ0/78/ 7- 93
 LONG W123 14.72
 PASS NO. 49
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.42	10.46	22.56	8.59
2.1	2.1	29.46	10.40	22.60	7.16
5.3	5.3	29.49	10.39	22.63	8.75
10.2	10.2	29.59	10.32	22.72	11.47*
15.2	15.2	29.87	10.12	22.96	8.74
20.2	20.3	29.91	10.08	23.00	5.53*
25.2	25.3	29.94	10.06	23.03	5.26
30.1	30.3	29.99	10.02	23.07	6.71
35.1	35.2	30.52	9.62	23.55	21.19
40.1	40.2	30.99	9.28	23.97	4.97*

MAX DEPTH 44.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.02
 DATE 2/ 9/76
 TIME (PST) 0950

TAPE CZ0/78/ 7- 94
 LONG W123 13.86
 PASS NO. 51
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.18	10.79	22.32	11.45
2.0	2.1	29.26	10.62	22.41	14.18
5.3	5.3	29.58	10.23	22.72	17.97
10.3	10.3	29.90	9.95	23.02	11.49
15.4	15.4	30.43	9.57	23.49	10.53
20.1	20.1	30.51	9.56	23.55	4.91*
25.2	25.3	30.53	9.55	23.57	2.32*
30.1	30.2	30.54	9.55	23.58	5.16*
35.2	35.3	30.67	9.44	23.69	8.11*
40.2	40.4	30.79	9.35	23.80	8.49*

MAX DEPTH 40.6

CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.25
 DATE 2/ 9/76
 TIME (PST) 0955

TAPE CZ0/78/ 7- 95
 LONG W123 13.23
 PASS NO. 53
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.10	10.83	22.25	26.98
2.2	2.2	29.27	10.47	22.44	15.30
5.2	5.2	29.38	10.31	22.55	20.14
10.3	10.3	29.95	9.86	23.07	16.92
15.2	15.3	30.21	9.70	23.30	13.00
20.2	20.3	30.47	9.53	23.52	10.95*
25.2	25.3	30.48	9.52	23.53	5.38
30.1	30.3	30.65	9.42	23.68	6.71
35.2	35.4	30.95	9.29	23.93	13.77
40.2	40.4	31.03	9.22	24.01	4.97
45.1	45.3	31.07	9.20	24.04	4.13*
50.0	50.2	31.09	9.18	24.06	4.78
60.1	60.4	31.18	9.12	24.14	5.99*
70.2	70.5	31.28	9.05	24.23	5.46
80.0	80.4	31.39	8.96	24.33	5.33*
90.2	90.6	31.46	8.90	24.39	4.55*

MAX DEPTH 93.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.46
 DATE 2/ 9/76
 TIME (PST) 1003

TAPE CZ0/78/ 7- 96
 LONG W123 12.43
 PASS NO. 55
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.15	10.70	22.31	96.59
2.2	2.2	29.59	10.22	22.73	51.67
5.1	5.1	30.06	9.78	23.17	16.94
10.2	10.2	30.42	9.58	23.48	12.88
15.2	15.3	30.56	9.50	23.60	8.38
20.0	20.1	30.59	9.49	23.62	5.01*
25.1	25.2	30.63	9.46	23.66	4.73*
30.1	30.3	30.64	9.46	23.67	5.52*
35.1	35.3	30.74	9.38	23.76	6.24
40.3	40.4	30.84	9.32	23.84	6.01
45.1	45.3	30.86	9.30	23.86	5.42
50.2	50.5	30.86	9.29	23.87	+
60.0	60.3	30.86	9.30	23.86	+
70.0	70.4	30.92	9.23	23.92	1.81*
80.2	80.6	30.90	9.24	23.91	3.18*
90.1	90.5	30.98	9.21	23.97	2.90*
100.0	100.5	31.17	9.11	24.14	6.41*
110.1	110.6	31.22	9.08	24.18	4.32*
120.1	120.7	31.29	9.03	24.24	7.86
130.2	130.8	31.62	8.80	24.54	7.74*

MAX DEPTH 138.2

CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 2/ 9/76
 TIME (PST) 1013

TAPE CZ0/78/ 7- 97
 LONG W123 11.86
 PASS NO. 57
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.13	9.85	23.21	3.50
2.1	2.1	30.14	9.84	23.22	2.03*
5.1	5.1	30.27	9.75	23.34	5.15
10.1	10.2	30.13	9.85	23.21	6.80
15.1	15.2	30.32	9.72	23.38	9.71
20.3	20.4	30.55	9.57	23.58	9.49*
25.1	25.2	31.04	9.24	24.01	13.27*
30.1	30.2	31.06	9.22	24.03	10.99*
35.1	35.2	31.04	9.24	24.01	8.61*
40.3	40.4	31.03	9.25	24.00	+
45.3	45.5	31.05	9.23	24.02	3.86*
50.1	50.3	31.11	9.18	24.08	4.78
60.0	60.3	31.13	9.17	24.09	+
70.1	70.5	31.34	9.00	24.28	7.60
80.3	80.7	31.38	8.97	24.32	4.71*
90.0	90.5	31.48	8.90	24.41	7.06*
100.0	100.5	31.58	8.83	24.50	3.88*
110.2	110.7	31.62	8.79	24.54	4.28*
120.0	120.7	31.64	8.79	24.55	7.86

MAX DEPTH 127.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.95
 DATE 2/ 9/76
 TIME (PST) 1023

TAPE CZ0/78/ 7- 98
 LONG W123 11.04
 PASS NO. 59
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.67	10.15	22.81	11.99*
2.1	2.1	29.77	10.08	22.89	11.91*
5.0	5.0	29.81	10.05	22.93	11.78*
10.1	10.1	30.16	9.81	23.24	10.21
15.2	15.3	30.32	9.69	23.38	8.53*
20.1	20.1	30.26	9.73	23.33	9.03
25.2	25.3	30.70	9.46	23.72	12.98
30.3	30.4	30.85	9.35	23.85	9.95*
35.2	35.3	30.88	9.32	23.87	6.31*
40.1	40.3	30.94	9.29	23.93	5.36*
45.1	45.3	30.95	9.28	23.94	4.46*
50.0	50.2	31.02	9.23	24.00	4.84*
60.2	60.5	31.09	9.19	24.06	4.47
70.2	70.5	31.11	9.17	24.07	3.02
80.0	80.4	31.12	9.16	24.09	2.90*
90.1	90.5	31.16	9.13	24.12	2.54*
100.1	100.5	31.18	9.11	24.14	3.77
110.1	110.6	31.26	9.07	24.21	5.27*
120.2	120.8	31.31	9.02	24.26	2.57*
130.1	130.7	31.34	9.00	24.29	4.53*
140.1	140.8	31.42	8.93	24.36	4.31*
150.1	150.9	31.42	8.93	24.35	+
160.1	160.9	31.43	8.93	24.37	+
170.1	170.9	31.49	8.89	24.41	4.57
180.1	181.0	31.55	8.85	24.47	3.06
190.1	191.1	31.69	8.75	24.60	7.92*
200.0	201.1	31.73	8.72	24.63	4.27
210.1	211.1	31.75	8.70	24.65	4.03*
220.1	221.3	31.89	8.61	24.77	1.45*

MAX DEPTH 222.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 HARO STRAIT 1976

LAT N48 29.24

DATE 2/ 9/76

TIME (PST) 1042

TAPE CZ0/78/ 7- 99

LONG W123 10.40

PASS NO. 61

STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.53	10.19	22.69	30.03
2.0	2.1	29.80	9.92	22.94	15.30
5.2	5.2	29.86	9.89	22.99	6.20
10.2	10.2	30.00	9.84	23.11	8.77*
15.1	15.1	30.12	9.77	23.21	6.90
20.2	20.3	30.26	9.66	23.34	10.52
25.2	25.3	30.34	9.61	23.41	6.78
30.1	30.3	30.37	9.59	23.44	5.13*
35.1	35.3	30.41	9.56	23.47	4.73
40.1	40.2	30.42	9.55	23.48	4.50*
45.1	45.3	30.45	9.53	23.51	4.34*
50.0	50.2	30.50	9.51	23.55	4.44*
60.2	60.5	30.72	9.40	23.74	14.14
70.3	70.6	30.89	9.29	23.89	3.23*
80.2	80.6	30.93	9.26	23.92	5.18*
90.1	90.5	31.02	9.19	24.01	5.01*
100.0	100.5	31.09	9.14	24.07	3.02*
110.2	110.7	31.12	9.13	24.09	3.02*
120.1	120.7	31.17	9.10	24.14	4.59*
130.2	130.8	31.23	9.06	24.18	1.61*
140.3	141.0	31.22	9.07	24.18	3.64*
150.0	150.8	31.30	9.03	24.25	3.98*
160.1	160.9	31.30	9.03	24.25	+
170.2	171.0	31.34	9.00	24.28	+
180.1	180.9	31.39	8.97	24.33	7.16*
190.0	191.0	31.52	8.88	24.44	5.98*
200.3	201.3	31.64	8.79	24.55	7.06*
210.1	211.2	31.81	8.67	24.70	6.37*
220.0	221.2	31.83	8.65	24.72	7.20*
230.2	231.4	32.12	8.44	24.98	5.35
240.1	241.4	32.19	8.39	25.04	+

MAX DEPTH 241.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 29.46
 DATE 2/ 9/76
 TIME (PST) 1053

TAPE CZ0/78/ 7-100
 LONG W123 9.50
 PASS NO. 63
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.69	10.00	22.84	20.92
2.2	2.2	29.96	9.78	23.09	16.02
5.3	5.3	30.15	9.66	23.25	10.73
10.0	10.0	30.15	9.67	23.25	4.04*
15.1	15.2	30.16	9.68	23.26	7.44
20.1	20.2	30.40	9.58	23.46	13.57*
25.3	25.4	30.46	9.54	23.52	6.32*
30.2	30.3	30.52	9.50	23.57	4.25*
35.2	35.3	30.52	9.49	23.57	2.38*
40.2	40.4	30.53	9.49	23.58	2.13*
45.0	45.2	30.54	9.49	23.59	1.94*
50.3	50.5	30.55	9.48	23.59	7.72
60.1	60.4	30.74	9.38	23.76	6.11*
70.2	70.5	30.96	9.22	23.95	4.70*
80.1	80.5	31.00	9.20	23.99	3.59*
90.2	90.7	31.05	9.17	24.03	3.21*
100.4	100.9	31.07	9.16	24.05	2.83*
110.0	110.6	31.10	9.14	24.08	2.52*
120.2	120.7	31.12	9.13	24.09	1.81*
130.2	130.8	31.14	9.12	24.11	2.35*
140.3	140.9	31.13	9.13	24.10	+
150.1	150.8	31.17	9.11	24.13	6.65
160.1	160.9	31.21	9.08	24.17	+
170.0	170.8	31.24	9.07	24.19	4.52*
180.0	180.9	31.24	9.06	24.20	5.09*
190.3	191.2	31.60	8.83	24.51	7.81*
200.1	201.1	31.65	8.79	24.56	5.70
210.2	211.3	31.67	8.78	24.58	3.90*
220.2	221.4	31.69	8.76	24.59	+
230.4	231.5	31.69	8.77	24.59	4.53*
240.2	241.5	31.72	8.75	24.62	4.94
250.1	251.4	31.75	8.72	24.64	+

MAX DEPTH 257.2

COASTAL ZONE OCLANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 29.75
 DATE 2/ 9/76
 TIME (PST) 1110

TAPE CZ0/78/ 7-101
 LONG W123 8.86
 PASS NO. 65
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.02	9.87	23.12	10.53
2.1	2.1	30.04	9.76	23.16	7.00
5.2	5.2	30.08	9.73	23.19	8.47
10.0	10.1	30.24	9.60	23.33	6.85*
15.2	15.3	30.45	9.48	23.52	9.55*
20.0	20.1	30.51	9.46	23.56	5.89*
25.0	25.1	30.49	9.46	23.55	2.22*
30.1	30.3	30.53	9.45	23.59	5.30
35.1	35.3	30.56	9.43	23.61	6.76
40.2	40.4	30.64	9.40	23.68	4.36*
45.3	45.5	30.66	9.40	23.70	3.34
50.1	50.3	30.65	9.40	23.68	5.34*
60.3	60.6	30.68	9.38	23.71	3.65*
70.1	70.4	30.73	9.36	23.76	3.48*
80.1	80.5	30.76	9.35	23.78	7.35
90.1	90.5	30.77	9.34	23.79	+
100.3	100.7	30.85	9.32	23.85	7.75
110.0	110.5	30.87	9.32	23.87	+
120.0	120.6	30.92	9.30	23.91	5.09
130.1	130.7	31.29	9.04	24.24	16.62
140.1	140.8	31.21	9.08	24.17	+
150.0	150.8	31.89	8.63	24.77	6.86
160.3	161.1	31.77	8.71	24.66	6.86
170.2	171.1	31.91	8.62	24.79	+
180.2	181.2	32.05	8.52	24.91	9.29
190.2	191.2	32.08	8.49	24.94	2.23*
200.1	201.2	31.98	8.57	24.85	+
210.3	211.4	32.09	8.49	24.95	5.49*
220.1	221.3	32.09	8.49	24.95	+
230.3	231.6	32.11	8.48	24.96	1.10*
240.4	241.7	32.10	8.48	24.96	1.24*
250.0	251.4	32.10	8.49	24.95	+
260.2	261.6	32.10	8.49	24.95	+
270.0	271.5	32.10	8.49	24.95	+
280.1	281.7	32.09	8.49	24.95	+

MAX DEPTH 280.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 27.36
 DATE 2/ 9/76
 TIME (PST) 1221

TAPE CZ0/78/ 7-102
 LONG W123 15.61
 PASS NO. 67
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.12	10.97	22.24	15.06
2.1	2.1	29.39	10.47	22.54	17.10
5.2	5.2	29.80	10.16	22.91	16.51
10.1	10.2	30.13	9.81	23.22	14.33
15.1	15.1	30.53	9.50	23.57	6.79
20.1	20.2	30.56	9.47	23.60	5.31*
25.0	25.1	30.65	9.44	23.68	5.79
30.2	30.3	30.70	9.47	23.71	5.78
35.2	35.3	30.79	9.42	23.79	9.00
40.1	40.3	30.85	9.36	23.84	

MAX DEPTH 40.9

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 27.78
 DATE 2/ 9/76
 TIME (PST) 1227

TAPE CZ0/78/ 7-103
 LONG W123 14.72
 PASS NO. 69
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.92	10.19	22.99	11.56
2.0	2.0	30.17	9.88	23.24	10.83
5.2	5.2	30.23	9.76	23.31	8.80
10.1	10.2	30.22	9.75	23.30	8.01
15.3	15.4	30.24	9.71	23.32	+
20.1	20.2	30.32	9.67	23.38	5.09*
25.0	25.1	30.34	9.65	23.40	3.12*
30.1	30.2	30.34	9.65	23.41	3.55*
35.2	35.3	30.34	9.66	23.41	8.71
40.1	40.3	30.68	9.46	23.70	

MAX DEPTH 41.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.02
 DATE 2/ 9/76
 TIME (PST) 1233

TAPE CZ0/78/ 7-104
 LONG W123 13.86
 PASS NO. 71
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.91	10.21	22.98	+
2.3	2.3	30.00	9.98	23.09	11.35
5.2	5.3	30.23	9.69	23.32	9.51
10.0	10.0	30.45	9.59	23.50	8.32
15.1	15.1	30.60	9.50	23.63	5.93-
20.2	20.2	30.76	9.41	23.77	8.26*
25.2	25.3	30.79	9.39	23.79	5.51*
30.2	30.4	30.87	9.32	23.87	4.63
35.2	35.3	31.03	9.21	24.01	22.92
40.3	40.4	31.19	9.10	24.15	

MAX DEPTH 43.8

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.25
 DATE 2/ 9/76
 TIME (PST) 1242

TAPE CZ0/78/ 7-105
 LONG W123 13.23
 PASS NO. 73
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.05	9.93	23.14	25.70
2.3	2.4	30.25	9.69	23.33	13.24
5.1	5.1	30.32	9.64	23.39	8.12
10.2	10.3	30.50	9.57	23.54	9.75
15.1	15.1	30.61	9.50	23.64	4.67
20.3	20.4	30.72	9.44	23.73	7.94*
25.2	25.3	30.84	9.37	23.84	5.90
30.3	30.4	30.87	9.34	23.87	4.71*
35.0	35.2	30.91	9.32	23.90	5.02
40.3	40.4	30.97	9.27	23.96	4.53*
45.1	45.3	30.99	9.26	23.97	2.50*
50.1	50.3	30.99	9.25	23.98	2.17*
60.2	60.5	31.00	9.25	23.98	10.11
70.1	70.4	31.20	9.09	24.16	
80.1	80.4	31.25	9.06	24.21	

MAX DEPTH 80.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.48
 DATE 2/ 9/76
 TIME (PST) 1252

TAPE CZ0/78/ 7-106
 LONG W123 12.43
 PASS NO. 75
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.24	9.99	23.27	21.67
2.2	2.2	30.38	9.71	23.42	13.25
5.2	5.2	30.42	9.66	23.46	11.01
10.3	10.3	30.75	9.47	23.75	13.24
15.3	15.3	30.85	9.39	23.84	6.28
20.1	20.2	30.88	9.37	23.87	5.56*
25.3	25.4	30.95	9.31	23.93	4.48
30.2	30.4	30.97	9.29	23.95	5.74*
35.3	35.5	31.09	9.20	24.06	6.98
40.2	40.4	31.14	9.16	24.10	5.59
45.2	45.5	31.13	9.17	24.09	+
50.1	50.3	31.14	9.16	24.10	5.18
60.2	60.5	31.22	9.10	24.17	3.57*
70.2	70.5	31.29	9.03	24.24	2.64*
80.1	80.5	31.28	9.04	24.23	2.45*
90.1	90.5	31.35	8.99	24.29	4.08*
100.3	100.8	31.37	8.98	24.31	+
110.1	110.6	31.46	8.91	24.39	6.27
120.2	120.8	31.55	8.85	24.47	7.31
130.1	130.7	31.62	8.80	24.53	
140.1	140.8	31.64	8.79	24.55	

MAX DEPTH 142.5

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.74
 DATE 2/ 9/76
 TIME (PST) 1303

TAPE CZ0/78/ 7-107
 LONG W123 11.86
 PASS NO. 77
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.21	10.07	23.24	21.56
2.1	2.1	30.36	9.76	23.40	14.04
5.3	5.3	30.62	9.57	23.63	19.16
10.3	10.3	30.91	9.35	23.89	10.84
15.1	15.1	30.99	9.29	23.97	8.41*
20.3	20.4	31.01	9.27	23.99	4.19*
25.0	25.1	31.03	9.25	24.01	4.35*
30.1	30.3	31.10	9.20	24.06	4.31*
35.2	35.3	31.08	9.22	24.05	3.46*
40.1	40.3	31.08	9.22	24.05	2.90
45.1	45.3	31.11	9.19	24.08	4.00
50.1	50.3	31.11	9.20	24.07	6.08
60.3	60.6	31.18	9.14	24.13	+
70.3	70.6	31.22	9.11	24.17	5.33*
80.0	80.4	31.33	9.02	24.27	6.28
90.3	90.7	31.27	9.07	24.22	+
100.1	100.6	31.31	9.04	24.25	6.48
110.1	110.7	31.67	8.76	24.58	5.59*

MAX DEPTH 117.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 2/ 9/76
 TIME (PST) 1315

TAPE CZ0/78/ 7-108
 LONG W123 11.04
 PASS NO. 79
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.31	9.93	23.33	19.67
2.2	2.2	30.48	9.71	23.51	15.05
5.3	5.3	30.63	9.59	23.64	9.35
10.1	10.1	30.79	9.46	23.78	10.05
15.1	15.2	30.85	9.40	23.84	5.80
20.1	20.2	30.87	9.38	23.86	5.19*
25.1	25.2	30.90	9.36	23.89	3.49*
30.1	30.3	30.92	9.35	23.90	3.21*
35.0	35.2	30.93	9.34	23.91	3.36
40.1	40.2	30.94	9.33	23.92	4.17*
45.0	45.2	30.95	9.32	23.93	4.95*
50.1	50.4	30.99	9.28	23.97	12.74
60.1	60.4	31.09	9.21	24.05	4.94*
70.0	70.4	31.22	9.11	24.17	6.79
80.2	80.6	31.22	9.11	24.17	+
90.0	90.5	31.34	9.01	24.29	3.42*
100.3	100.8	31.35	9.01	24.29	1.48
110.0	110.6	31.49	8.90	24.42	6.95*
120.1	120.7	31.53	8.87	24.45	3.65*
130.1	130.8	31.52	8.88	24.44	+
140.2	140.9	31.55	8.86	24.47	5.44*
150.1	150.9	31.60	8.82	24.52	5.15
160.2	161.0	31.59	8.83	24.51	+
170.1	170.9	31.58	8.84	24.50	4.15
180.2	181.1	31.71	8.75	24.61	+
190.1	191.1	31.86	8.63	24.75	3.70*
200.1	201.1	31.87	8.63	24.75	1.72*
210.1	211.2	31.93	8.58	24.81	5.31*
220.2	221.4	31.98	8.54	24.86	4.53*
230.0	231.3	32.01	8.52	24.88	

MAX DEPTH 230.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 2/ 9/76
 TIME (PST) 1332

TAPE CZ0/78/ 7-109
 LONG W123 10.40
 PASS NO. 81
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.36	9.70	23.42	2.97
2.3	2.3	30.37	9.65	23.43	7.92
5.1	5.1	30.52	9.59	23.55	14.02
10.2	10.3	30.63	9.56	23.65	6.58*
15.3	15.4	30.66	9.54	23.67	4.11
20.2	20.3	30.84	9.41	23.83	5.26*
25.2	25.3	30.87	9.39	23.86	4.10*
30.2	30.4	30.88	9.38	23.87	2.89*
35.0	35.2	30.88	9.38	23.87	1.67*
40.1	40.2	30.89	9.37	23.88	2.41*
45.1	45.3	30.91	9.35	23.89	3.17*
50.3	50.5	30.92	9.35	23.90	3.65*
60.3	60.5	30.97	9.30	23.95	7.44
70.3	70.6	31.15	9.16	24.11	6.67*
80.2	80.6	31.19	9.13	24.14	2.87*
90.1	90.5	31.19	9.13	24.15	3.68*
100.2	100.7	31.38	8.97	24.32	5.24*
110.0	110.6	31.47	8.92	24.40	6.79
120.2	120.8	31.51	8.89	24.44	2.57*
130.3	130.9	31.54	8.86	24.46	1.73*
140.1	140.8	31.54	8.87	24.46	+
150.0	150.8	31.52	8.88	24.44	+
160.2	161.0	31.53	8.88	24.45	+
170.0	170.9	31.59	8.85	24.50	4.51
180.0	181.0	31.78	8.69	24.68	+
190.1	191.1	31.92	8.60	24.80	5.12
200.0	201.1	32.04	8.51	24.91	2.73*
210.2	211.3	32.07	8.50	24.93	3.10*
220.0	221.2	32.12	8.46	24.97	5.85*
230.0	231.3	32.15	8.44	25.00	

MAX DEPTH 232.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 29.46
 DATE 2/ 9/76
 TIME (PST) 1347

TAPE CZ0/78/ 7-110
 LONG W123 9.50
 PASS NO. 83
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.27	10.09	23.28	39.68
2.0	2.1	30.42	9.64	23.47	21.63
5.3	5.3	30.55	9.55	23.58	11.20
10.0	10.1	30.68	9.50	23.69	7.13
15.2	15.2	30.78	9.43	23.78	4.68
20.2	20.3	30.79	9.43	23.79	3.84*
25.3	25.4	30.80	9.43	23.79	2.59
30.3	30.4	30.83	9.43	23.82	4.28
35.3	35.4	30.85	9.41	23.84	5.73*
40.1	40.3	30.94	9.33	23.92	6.99*
45.1	45.3	30.97	9.30	23.95	7.94*
50.2	50.4	31.15	9.15	24.11	6.64*
60.1	60.4	31.16	9.15	24.12	6.33
70.0	70.4	31.22	9.11	24.17	3.66*
80.2	80.6	31.30	9.04	24.25	3.93*
90.1	90.5	31.31	9.03	24.26	2.79
100.1	100.6	31.30	9.05	24.25	5.59*
110.1	110.6	31.31	9.04	24.25	+
120.2	120.8	31.29	9.06	24.24	3.56*
130.2	130.8	31.39	8.98	24.33	5.51*
140.0	140.7	31.54	8.87	24.46	10.18*
150.2	150.9	31.52	8.89	24.44	+
160.2	161.0	31.64	8.77	24.55	5.14
170.0	170.9	31.56	8.86	24.48	7.71*
180.0	181.0	31.74	8.73	24.63	2.09
190.0	191.0	31.73	8.74	24.63	8.07
200.3	201.4	31.74	8.73	24.64	+
210.1	211.2	31.80	8.69	24.69	3.95*
220.3	221.4	31.81	8.68	24.70	+
230.0	231.2	31.81	8.68	24.70	+
240.3	241.5	31.80	8.69	24.69	+
250.1	251.4	31.82	8.68	24.71	

MAX DEPTH 257.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 2/ 9/76
 TIME (PST) 1404

TAPE CZ0/78/ 7-111
 LONG W123 8.86
 PASS NO. 85
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.30	10.00	23.32	24.10
2.3	2.4	30.42	9.70	23.46	12.04
5.2	5.3	30.46	9.66	23.50	11.70
10.0	10.1	30.55	9.58	23.58	6.28*
15.3	15.4	30.60	9.54	23.63	6.22*
20.1	20.2	30.64	9.50	23.66	8.60*
25.0	25.2	30.74	9.42	23.75	9.59*
30.0	30.2	31.31	9.02	24.26	7.85*
35.1	35.3	31.40	8.96	24.34	6.76*
40.1	40.3	31.43	8.93	24.37	6.84*
45.2	45.4	31.42	8.94	24.36	+
50.3	50.5	31.43	8.93	24.37	7.02*
60.3	60.6	31.70	8.74	24.60	7.52
70.1	70.5	31.81	8.67	24.70	5.36
80.3	80.7	31.71	8.75	24.61	6.52
90.3	90.7	31.63	8.79	24.54	+
100.1	100.6	31.77	8.70	24.67	7.41
110.1	110.6	31.76	8.71	24.65	+
120.0	120.6	31.72	8.74	24.62	+
130.2	130.9	31.74	8.72	24.64	+
140.0	140.7	31.73	8.73	24.63	1.84
150.2	151.0	31.74	8.73	24.63	+
160.1	160.9	31.74	8.73	24.64	3.64*
170.0	170.9	31.78	8.70	24.68	1.23*
180.0	180.9	31.79	8.70	24.68	2.43*
190.2	191.2	31.84	8.66	24.72	+
200.2	201.2	31.88	8.64	24.76	3.80*
210.2	211.3	31.97	8.56	24.84	9.01
220.2	221.4	31.98	8.56	24.85	1.67*
230.0	231.3	31.99	8.55	24.86	+
240.1	241.4	32.00	8.55	24.87	.68*
250.1	251.5	32.00	8.55	24.87	+
260.1	261.5	31.99	8.55	24.86	.62*
270.1	271.5	32.00	8.55	24.86	.37*
280.2	281.7	31.99	8.56	24.86	+
290.0	291.6	32.01	8.55	24.87	1.49*
300.1	301.8	32.01	8.55	24.88	1.95*
310.2	311.9	32.02	8.54	24.89	

MAX DEPTH 319.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 27.36
 DATE 2/ 9/76
 TIME (PST) 1503

TAPE CZ0/78/ 7-112
 LONG W123 15.61
 PASS NO. 87
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.11	11.28	22.18	+
2.0	2.0	29.13	11.18	22.22	15.92
5.3	5.3	29.81	10.15	22.92	22.64
10.0	10.1	29.91	10.03	23.01	12.17
15.1	15.1	30.28	9.70	23.35	10.62
20.3	20.4	30.34	9.67	23.40	4.78*
25.1	25.2	30.35	9.66	23.41	3.68*
30.2	30.3	30.39	9.62	23.45	7.57
35.1	35.3	30.44	9.60	23.49	+

MAX DEPTH 39.1

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 27.78
 DATE 2/ 9/76
 TIME (PST) 1509

TAPE CZ0/78/ 7-113
 LONG W123 14.72
 PASS NO. 89
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.33	11.11	22.38	23.50*
2.1	2.1	29.67	10.32	22.78	21.29*
5.0	5.0	29.72	10.25	22.83	17.97*
10.2	10.3	30.29	9.76	23.35	12.31
15.1	15.1	30.48	9.60	23.52	8.00*
20.1	20.2	30.58	9.52	23.61	6.07
25.1	25.2	30.62	9.48	23.65	4.22
30.1	30.3	30.66	9.46	23.68	3.41*
35.2	35.3	30.66	9.46	23.68	8.27*
40.0	40.2	30.68	9.45	23.70	+

MAX DEPTH 43.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.02
 DATE 2/ 9/76
 TIME (PST) 1514

TAPE CZ0/78/ 7-114
 LONG W123 13.86
 PASS NO. 91
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.26	10.98	22.35	+
2.4	2.4	29.45	10.46	22.58	20.57
5.2	5.2	30.08	9.94	23.16	18.12
10.2	10.2	30.51	9.66	23.54	11.87
15.3	15.3	30.69	9.51	23.70	8.56
20.3	20.4	30.76	9.45	23.76	6.07*
25.1	25.2	30.84	9.39	23.83	5.84*
30.1	30.2	30.87	9.37	23.86	5.32*
35.3	35.4	30.89	9.37	23.88	4.79*
40.1	40.3	30.95	9.31	23.93	6.45
45.0	45.2	30.98	9.27	23.96	+

MAX DEPTH 49.4

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.25
 DATE 2/ 9/76
 TIME (PST) 1521

TAPE CZ0/78/ 7-115
 LONG W123 13.23
 PASS NO. 93
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.02	10.17	23.07	36.18
2.3	2.3	30.60	9.65	23.60	26.20
5.1	5.2	30.87	9.41	23.86	9.48
10.2	10.2	30.98	9.30	23.96	4.26*
15.2	15.3	30.98	9.29	23.96	3.35*
20.0	20.1	31.00	9.27	23.98	4.55*
25.2	25.3	31.05	9.22	24.03	5.76*
30.2	30.4	31.11	9.17	24.08	4.94*
35.1	35.3	31.15	9.14	24.11	4.02*
40.1	40.3	31.18	9.11	24.14	5.07*
45.1	45.3	31.22	9.07	24.18	6.14*
50.3	50.5	31.30	9.01	24.25	6.12
60.2	60.4	31.34	8.98	24.29	8.63

MAX DEPTH 65.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.48
 DATE 2/ 9/76
 TIME (PST) 1526

TAPE CZ0/78/ 7-116
 LONG W123 12.43
 PASS NO. 95
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.78	9.72	23.73	10.39*
2.0	2.0	30.80	9.52	23.78	8.61*
5.0	5.0	30.79	9.51	23.78	5.95*
10.2	10.2	30.84	9.46	23.83	7.94
15.3	15.3	30.95	9.35	23.92	6.24
20.1	20.2	30.94	9.35	23.92	5.68*
25.0	25.2	31.01	9.28	23.98	4.89*
30.2	30.3	31.02	9.27	23.99	3.75*
35.1	35.3	31.07	9.23	24.04	7.04
40.1	40.2	31.09	9.21	24.06	4.82*
45.2	45.5	31.09	9.21	24.06	.85*
50.3	50.5	31.09	9.21	24.06	1.39*
60.2	60.4	31.10	9.20	24.07	3.11
70.0	70.3	31.13	9.17	24.10	+
80.0	80.4	31.15	9.16	24.11	3.17*
90.0	90.4	31.20	9.11	24.16	+
100.0	100.5	31.43	8.93	24.36	5.39
110.1	110.6	31.62	8.80	24.53	+
120.1	120.8	31.70	8.74	24.60	+

MAX DEPTH 123.8

CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 2/ 9/76
 TIME (PST) 1536

TAPE CZ0/78/ 7-117
 LONG W123 11.86
 PASS NO. 97
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.54	9.83	23.53	17.08
2.1	2.1	30.72	9.57	23.71	15.03
5.3	5.3	30.86	9.42	23.84	11.88
10.2	10.3	30.95	9.34	23.93	6.96
15.1	15.2	31.08	9.22	24.05	5.76
20.3	20.4	31.09	9.21	24.06	2.50*
25.0	25.1	31.10	9.21	24.06	6.78
30.3	30.4	31.17	9.14	24.13	5.05*
35.2	35.3	31.21	9.11	24.16	2.99*
40.3	40.4	31.21	9.11	24.17	1.97*
45.2	45.4	31.21	9.11	24.17	1.00*
50.1	50.3	31.21	9.11	24.17	1.22*
60.2	60.5	31.21	9.11	24.16	+
70.2	70.6	31.22	9.10	24.17	3.53*
80.0	80.4	31.32	9.03	24.26	5.77
90.2	90.6	31.45	8.92	24.38	+

MAX DEPTH 98.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.95
 DATE 2/ 9/76
 TIME (PST) 1544

TAPE CZ0/78/ 7-118
 LONG W123 11.04
 PASS NO. 99
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.56	9.82	23.55	1.83
2.1	2.1	30.59	9.68	23.59	10.25
5.1	5.2	30.76	9.50	23.76	12.29
10.2	10.2	30.98	9.31	23.96	10.02
15.3	15.4	31.06	9.24	24.03	8.10*
20.2	20.3	31.11	9.19	24.08	4.74
25.2	25.3	31.14	9.17	24.10	5.03
30.1	30.2	31.16	9.15	24.12	5.53
35.0	35.2	31.19	9.13	24.15	4.73*
40.3	40.5	31.25	9.08	24.20	4.98
45.1	45.3	31.28	9.06	24.23	5.20
50.2	50.5	31.29	9.05	24.24	3.32*
60.0	60.3	31.38	8.98	24.32	6.96
70.1	70.5	31.47	8.91	24.40	3.14
80.0	80.4	31.50	8.89	24.42	

MAX DEPTH 85.7

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 29.24
 DATE 2/ 9/76
 TIME (PST) 1553

TAPE CZ0/78/ 7-119
 LONG W123 10.40
 PASS NO.101
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.41	10.04	23.40	21.03*
2.2	2.2	30.43	9.82	23.45	17.94*
5.3	5.3	30.45	9.81	23.46	13.30*
10.1	10.2	30.67	9.57	23.67	12.04
15.3	15.4	30.71	9.54	23.71	11.87
20.1	20.2	30.81	9.44	23.80	7.75*
25.3	25.4	30.88	9.38	23.86	6.80*
30.2	30.3	30.95	9.32	23.93	6.75*
35.2	35.4	31.05	9.24	24.02	6.29*
40.1	40.3	31.07	9.22	24.04	5.05*
45.2	45.4	31.11	9.19	24.08	4.98*
50.1	50.4	31.13	9.18	24.10	6.71*
60.1	60.3	31.31	9.04	24.25	5.08*
70.1	70.4	31.34	9.01	24.28	2.31*
80.1	80.5	31.36	8.99	24.30	2.70*
90.0	90.5	31.40	8.96	24.34	6.14
100.1	100.6	31.46	8.92	24.39	4.75
110.1	110.7	31.53	8.87	24.45	4.62
120.3	120.9	31.65	8.79	24.56	6.78*
130.1	130.8	31.75	8.71	24.65	8.79*
140.1	140.9	31.75	8.71	24.65	.96*
150.1	150.8	31.76	8.70	24.66	3.57*
160.2	161.1	31.88	8.62	24.76	6.95
170.2	171.1	31.97	8.56	24.84	2.61*
180.1	181.1	31.97	8.55	24.85	2.12

MAX DEPTH 182.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 29.46
 DATE 2/ 9/76
 TIME (PST) 1607

TAPE CZ0/78/ 7-120
 LONG W123 9.50
 PASS NO.103
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.46	9.81	23.47	5.68
2.2	2.2	30.45	9.76	23.47	2.14*
5.2	5.3	30.49	9.70	23.52	5.42
10.1	10.1	30.54	9.64	23.56	5.15
15.0	15.1	30.64	9.56	23.65	5.01
20.1	20.2	30.71	9.51	23.71	5.54
25.2	25.3	30.76	9.47	23.76	5.66
30.2	30.3	30.78	9.45	23.78	5.11*
35.0	35.2	30.83	9.40	23.83	4.88*
40.3	40.5	30.87	9.37	23.86	4.80*
45.2	45.4	30.91	9.34	23.90	4.88
50.0	50.2	30.93	9.32	23.92	5.55*
60.1	60.4	31.02	9.25	24.00	8.27
70.2	70.5	31.12	9.18	24.08	3.06*
80.1	80.5	31.18	9.13	24.14	4.71*
90.2	90.7	31.22	9.10	24.18	2.88*
100.1	100.6	31.24	9.09	24.20	3.25*
110.1	110.6	31.30	9.04	24.24	4.26*
120.2	120.8	31.38	8.97	24.32	6.20
130.1	130.7	31.47	8.92	24.40	4.97*
140.2	140.9	31.47	8.92	24.40	+
150.0	150.8	31.54	8.87	24.46	5.57*
160.1	160.9	31.67	8.78	24.57	7.38
170.2	171.1	31.84	8.66	24.72	6.81
180.2	181.1	31.96	8.56	24.83	5.06*
190.3	191.3	31.99	8.54	24.86	5.18
200.2	201.3	32.10	8.45	24.96	8.88
210.1	211.3	32.10	8.45	24.96	+
220.2	221.4	32.22	8.35	25.07	+
230.2	231.5	32.32	8.27	25.16	+
240.3	241.7	32.49	8.15	25.31	+
250.4	251.8	32.51	8.13	25.33	+

MAX DEPTH 258.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 HARO STRAIT 1976

LAT N48 29.75

DATE 2/ 9/76

TIME (PST) 1621

TAPE CZO/78/ 7-121

LONG W123 8.86

PASS NO.105

STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.53	9.60	23.56	9.61*
2.3	2.3	30.57	9.55	23.60	8.26*
5.2	5.2	30.59	9.54	23.62	6.24*
10.0	10.1	30.62	9.51	23.65	5.67
15.2	15.3	30.62	9.51	23.65	7.55
20.0	20.1	30.62	9.52	23.64	+
25.1	25.2	30.70	9.48	23.71	10.22
30.3	30.4	30.91	9.32	23.90	4.70*
35.0	35.2	30.92	9.31	23.91	1.99*
40.1	40.3	30.92	9.31	23.91	3.33*
45.0	45.2	30.95	9.28	23.93	4.77*
50.3	50.5	31.03	9.22	24.01	5.13
60.2	60.5	31.08	9.19	24.06	4.38*
70.1	70.5	31.17	9.13	24.13	4.49
80.2	80.6	31.24	9.08	24.19	5.78
90.1	90.5	31.37	8.98	24.31	4.18*
100.1	100.5	31.40	8.96	24.34	2.19*
110.2	110.7	31.42	8.95	24.35	3.62*
120.3	120.9	31.47	8.91	24.40	6.10*
130.2	130.8	31.63	8.80	24.54	5.60
140.1	140.9	31.76	8.71	24.66	4.65
150.1	150.9	31.78	8.70	24.67	4.05*
160.2	161.0	31.85	8.65	24.73	6.28
170.0	170.9	32.00	8.53	24.87	12.06*
180.3	181.2	32.01	8.53	24.88	+
190.1	191.1	32.00	8.53	24.87	+
200.3	201.4	32.01	8.53	24.87	+
210.1	211.3	32.02	8.52	24.89	3.39*
220.1	221.3	32.05	8.50	24.91	1.72*
230.3	231.5	32.06	8.49	24.92	.96*
240.1	241.4	32.06	8.49	24.93	.76*
250.2	251.6	32.08	8.48	24.94	3.44*
260.0	261.5	32.07	8.49	24.93	+
270.2	271.7	32.26	8.36	25.10	3.61*
280.3	281.9	32.25	8.35	25.09	3.23*
290.2	291.8	32.32	8.30	25.16	4.72*
300.2	301.9	32.38	8.25	25.21	4.22*
310.0	311.8	32.43	8.22	25.25	
320.1	321.9	32.41	8.23	25.24	+

MAX DEPTH 321.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 HARO STRAIT 1976

LAT N48 27.36

DATE 2/ 9/76

TIME (PST) 1651

TAPE C20/78/ 7-122

LONG W123 15.61

PASS NO.107

STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.15	11.23	22.22	16.94*
2.1	2.1	29.14	11.21	22.22	5.56*
5.2	5.3	29.21	10.98	22.31	14.02*
10.0	10.1	29.88	10.14	22.97	11.09*
15.2	15.3	29.93	10.05	23.02	8.17*
20.3	20.4	30.09	9.88	23.17	8.64
25.1	25.2	30.23	9.80	23.29	7.50
30.1	30.3	30.54	9.56	23.57	11.78
35.0	35.2	30.81	9.35	23.81	7.25
40.1	40.2	31.01	9.21	23.99	

MAX DEPTH 40.4

CRUISE NO. 4 HARO STRAIT 1976

LAT N48 27.78

DATE 2/ 9/76

TIME (PST) 1658

TAPE C20/78/ 7-123

LONG W123 14.72

PASS NO.109

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.25	11.03	22.34	22.25*
2.1	2.1	29.43	10.72	22.52	17.79*
5.1	5.2	29.46	10.66	22.56	11.11*
10.1	10.1	29.52	10.57	22.62	6.69
15.2	15.2	29.59	10.45	22.69	4.73
20.0	20.1	29.70	10.25	22.81	11.64
25.1	25.2	30.14	9.76	23.23	9.91
30.2	30.3	30.43	9.60	23.48	15.61
35.1	35.3	30.80	9.35	23.81	11.75
40.0	40.2	30.91	9.27	23.91	

MAX DEPTH 42.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.02
 DATE 2/ 9/76
 TIME (PST) 1704

TAPE CZ0/78/ 7-124
 LONG W123 13.86
 PASS NO.111
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.29	11.06	22.36	35.52
2.2	2.2	29.73	10.20	22.85	22.95
5.1	5.2	29.89	10.02	23.00	7.83
10.0	10.1	30.11	9.91	23.18	11.50
15.2	15.3	30.15	9.89	23.22	8.58*
20.3	20.4	30.41	9.74	23.44	12.54
25.3	25.4	30.70	9.46	23.71	6.14
30.1	30.3	30.72	9.44	23.73	4.62*
35.1	35.3	30.75	9.42	23.76	5.29
40.3	40.4	30.82	9.37	23.82	7.46
45.2	45.4	30.84	9.35	23.84	

MAX DEPTH 49.5

CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.25
 DATE 2/ 9/76
 TIME (PST) 1710

TAPE CZ0/78/ 7-125
 LONG W123 13.23
 PASS NO.113
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.79	10.92	21.99	36.40
2.2	2.2	29.73	10.30	22.82	23.67
5.1	5.1	29.97	9.96	23.07	12.25
10.1	10.2	30.28	9.80	23.33	11.39
15.0	15.1	30.37	9.77	23.41	5.46
20.1	20.2	30.43	9.74	23.46	6.73
25.2	25.3	30.67	9.58	23.67	13.56
30.2	30.3	30.78	9.48	23.77	7.47*
35.2	35.3	30.80	9.44	23.80	4.77
40.0	40.2	30.86	9.37	23.85	6.26
45.2	45.4	30.92	9.30	23.91	6.78
50.3	50.5	30.95	9.26	23.94	4.11*
60.3	60.6	31.01	9.22	23.99	3.71*
70.2	70.5	31.07	9.17	24.04	6.87*
80.2	80.6	31.19	9.09	24.15	10.36
90.1	90.6	31.21	9.08	24.17	+
100.1	100.6	31.21	9.08	24.17	

MAX DEPTH 104.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.48
 DATE 2/ 9/76
 TIME (PST) 1717

TAPE CZ0/78/ 7-126
 LONG W123 12.43
 PASS NO.115
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.72	10.46	22.79	38.45
2.3	2.3	30.12	9.95	23.19	22.92
5.1	5.1	30.27	9.85	23.32	14.29
10.1	10.1	30.51	9.69	23.53	8.36*
15.1	15.1	30.65	9.59	23.65	7.82*
20.2	20.3	30.68	9.56	23.68	7.06*
25.1	25.2	30.77	9.47	23.77	5.90*
30.2	30.3	30.80	9.44	23.80	4.00*
35.0	35.2	30.81	9.43	23.81	4.97
40.3	40.4	30.87	9.39	23.86	9.19*
45.2	45.4	30.89	9.38	23.87	4.98*
50.2	50.4	30.94	9.33	23.92	4.19
60.2	60.5	31.03	9.25	24.00	3.33*
70.2	70.5	31.05	9.21	24.03	2.41*
80.2	80.6	31.09	9.17	24.06	4.33*
90.2	90.6	31.16	9.12	24.12	5.71
100.3	100.8	31.34	9.00	24.29	7.94
110.3	110.8	31.49	8.89	24.42	4.09*
120.2	120.8	31.53	8.86	24.46	5.56*
130.1	130.8	31.65	8.77	24.56	

MAX DEPTH 137.0

CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 28.74
 DATE 2/ 9/76
 TIME (PST) 1725

TAPE CZ0/78/ 7-127
 LONG W123 11.86
 PASS NO.117
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.53	9.80	23.53	+
2.2	2.2	30.53	9.80	23.53	.88*
5.0	5.0	30.54	9.79	23.54	2.11
10.1	10.2	30.54	9.79	23.54	8.20
15.2	15.3	30.60	9.70	23.60	7.02*
20.0	20.1	30.63	9.66	23.63	6.44
25.0	25.1	30.78	9.48	23.77	10.87
30.3	30.4	30.83	9.43	23.82	5.12
35.1	35.3	30.85	9.41	23.84	3.70*
40.1	40.2	30.85	9.40	23.84	4.06
45.3	45.5	30.92	9.35	23.90	4.36
50.3	50.5	30.96	9.32	23.94	4.21*
60.1	60.4	31.01	9.27	23.99	4.16*
70.2	70.6	31.14	9.17	24.10	7.18
80.1	80.5	31.28	9.05	24.23	5.83*
90.2	90.7	31.31	9.03	24.26	2.19*
100.2	100.7	31.33	9.01	24.28	1.35*
110.0	110.6	31.34	9.01	24.28	+
120.1	120.7	31.34	9.00	24.29	+

MAX DEPTH 122.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 2/ 9/76
 TIME (PST) 1733

TAPE CZ0/78/ 7-128
 LONG W123 11.04
 PASS NO.119
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.18	10.21	23.19	17.02
2.0	2.0	30.32	9.93	23.35	13.91
5.3	5.3	30.51	9.72	23.52	12.90
10.2	10.3	30.62	9.62	23.62	5.56*
15.2	15.3	30.65	9.58	23.66	4.57*
20.2	20.2	30.68	9.56	23.68	4.74*
25.2	25.3	30.73	9.52	23.72	4.59*
30.1	30.3	30.76	9.49	23.75	3.85*
35.2	35.3	30.78	9.47	23.78	3.90*
40.1	40.3	30.80	9.45	23.79	5.21*
45.1	45.3	30.87	9.38	23.86	5.75
50.4	50.6	30.88	9.37	23.87	4.97*
60.2	60.5	30.93	9.34	23.91	2.61*
70.0	70.3	30.94	9.33	23.92	3.88
80.3	80.6	30.97	9.30	23.95	2.35*
90.2	90.6	30.99	9.28	23.97	3.76
100.1	100.6	31.23	9.09	24.18	12.53
110.2	110.7	31.40	8.98	24.33	5.32
120.1	120.7	31.63	8.80	24.54	4.33*
130.0	130.7	31.65	8.79	24.55	2.20*
140.2	141.0	31.65	8.79	24.56	+
150.0	150.8	31.67	8.78	24.57	3.22*
160.2	161.1	31.72	8.74	24.62	3.76*
170.2	171.1	31.75	8.72	24.65	2.67*
180.0	180.9	31.75	8.72	24.65	+
190.3	191.3	31.76	8.71	24.66	3.89*
200.3	201.4	31.79	8.69	24.68	3.24*
210.2	211.3	31.87	8.63	24.76	5.53

MAX DEPTH 216.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 29.24
 DATE 2/ 9/76
 TIME (PST) 1744

TAPE CZ0/78/ 7-129
 LONG W123 10.40
 PASS NO.121
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.04	9.99	23.12	13.77
2.3	2.4	30.15	9.91	23.22	9.31
5.2	5.2	30.21	9.87	23.27	7.41
10.0	10.0	30.26	9.83	23.32	7.79*
15.0	15.1	30.40	9.73	23.44	11.24
20.1	20.2	30.50	9.64	23.53	6.56*
25.3	25.4	30.56	9.59	23.58	5.21*
30.1	30.2	30.57	9.58	23.60	5.73
35.3	35.4	30.61	9.56	23.63	6.35
40.3	40.5	30.69	9.51	23.70	7.35
45.0	45.2	30.85	9.39	23.84	9.80
50.2	50.4	30.87	9.37	23.86	4.40*
60.2	60.4	30.90	9.35	23.89	2.60*
70.1	70.5	30.93	9.33	23.91	2.63*
80.0	80.4	30.96	9.31	23.94	3.61*
90.3	90.7	31.09	9.19	24.06	9.60
100.3	100.8	31.22	9.09	24.17	5.13*
110.1	110.6	31.38	8.97	24.32	9.92
120.1	120.7	31.54	8.87	24.46	3.88*
130.1	130.8	31.57	8.85	24.49	4.71
140.2	140.9	31.62	8.81	24.53	5.77
150.1	150.9	31.85	8.64	24.74	7.42
160.0	160.9	31.91	8.60	24.79	3.03*
170.2	171.1	31.96	8.56	24.83	3.24*
180.1	181.1	31.97	8.55	24.85	2.09*
190.3	191.3	32.00	8.52	24.87	3.20*
200.2	201.3	32.01	8.51	24.88	1.94*
210.1	211.3	32.02	8.51	24.89	1.87*
220.1	221.3	32.04	8.49	24.91	2.19*
230.1	231.3	32.06	8.47	24.92	3.94*
240.2	241.5	32.21	8.36	25.06	

MAX DEPTH 243.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 29.46
 DATE 2/ 9/76
 TIME (PST) 1756

TAPE CZ0/78/ 7-130
 LONG W123 9.50
 PASS NO.123
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.92	10.11	23.00	26.04
2.2	2.2	30.22	9.83	23.28	16.70
5.1	5.1	30.34	9.74	23.39	11.95
10.3	10.3	30.45	9.66	23.49	5.70
15.3	15.4	30.50	9.62	23.54	4.57*
20.2	20.3	30.53	9.59	23.56	4.10
25.2	25.3	30.54	9.59	23.57	4.52
30.2	30.4	30.59	9.56	23.61	6.09*
35.0	35.2	30.61	9.55	23.63	5.16*
40.2	40.3	30.68	9.50	23.69	4.89*
45.3	45.5	30.70	9.49	23.71	6.53
50.3	50.5	30.85	9.39	23.84	9.60
60.1	60.4	30.92	9.33	23.91	3.47*
70.2	70.5	30.93	9.33	23.91	3.14
80.2	80.6	31.00	9.27	23.97	4.00*
90.0	90.4	31.03	9.25	24.00	4.00*
100.0	100.5	31.17	9.13	24.13	7.63*
110.3	110.8	31.41	8.96	24.34	10.38
120.0	120.6	31.48	8.91	24.41	3.96*
130.1	130.7	31.53	8.88	24.45	6.91
140.2	141.0	31.75	8.72	24.65	8.84*
150.1	150.9	31.93	8.58	24.81	3.40*
160.1	161.0	31.95	8.57	24.82	2.93*
170.1	171.0	31.99	8.54	24.86	2.68*
180.1	181.1	31.99	8.53	24.86	2.30*
190.2	191.2	32.01	8.52	24.88	+
200.0	201.1	32.03	8.51	24.89	+
210.1	211.3	32.04	8.49	24.91	5.55*
220.2	221.4	32.16	8.39	25.02	4.58*
230.1	231.4	32.23	8.34	25.08	5.79*
240.0	241.4	32.27	8.31	25.11	4.38*
250.0	251.4	32.31	8.26	25.15	6.82*
260.4	261.9	32.48	8.15	25.30	5.62*
270.2	271.7	32.50	8.13	25.32	

MAX DEPTH 279.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 29.75
 DATE 2/ 9/76
 TIME (PST) 1308

TAPE CZ0/78/ 7-131
 LONG W123 8.86
 PASS NO.125
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.03	9.95	23.11	9.10
2.1	2.1	30.11	9.89	23.19	11.62
5.2	5.3	30.37	9.69	23.42	9.25
10.1	10.1	30.64	9.49	23.66	5.39
15.2	15.3	30.71	9.44	23.73	4.40
20.3	20.4	30.73	9.43	23.74	4.09*
25.2	25.3	30.76	9.41	23.77	4.43*
30.2	30.3	30.83	9.37	23.83	4.66*
35.3	35.4	30.84	9.36	23.84	4.10*
40.2	40.4	30.85	9.36	23.85	2.97*
45.2	45.4	30.85	9.36	23.84	3.64*
50.1	50.3	30.90	9.33	23.89	4.83*
60.1	60.4	30.95	9.30	23.94	5.05*
70.3	70.6	31.02	9.24	24.00	2.96*
80.2	80.6	31.04	9.23	24.01	2.11*
90.3	90.7	31.16	9.14	24.12	8.85*
100.3	100.7	31.21	9.10	24.17	2.56*
110.2	110.7	31.21	9.10	24.17	1.18*
120.2	120.8	31.25	9.08	24.20	10.88
130.3	130.9	31.66	8.77	24.57	12.00*
140.2	140.9	31.97	8.55	24.84	7.42*
150.3	151.1	31.97	8.56	24.84	+
160.1	161.0	31.98	8.54	24.85	2.18*
170.2	171.1	31.98	8.54	24.86	+
180.3	181.2	31.98	8.54	24.86	1.84*
190.2	191.2	32.00	8.53	24.87	1.55*
200.0	201.1	32.01	8.52	24.88	1.19*
210.2	211.3	32.01	8.51	24.88	.83*
220.1	221.3	32.02	8.51	24.89	4.09*
230.0	231.3	32.13	8.42	24.99	7.67*
240.2	241.6	32.17	8.39	25.03	2.41*
250.2	251.5	32.18	8.39	25.03	3.78
260.3	261.7	32.19	8.38	25.04	1.91*
270.3	271.8	32.21	8.37	25.05	3.21*
280.1	281.6	32.23	8.35	25.08	3.83
290.1	291.7	32.34	8.27	25.17	4.37
300.2	301.9	32.46	8.19	25.28	4.91*
310.2	312.0	32.51	8.16	25.32	3.39*
320.1	322.0	32.53	8.14	25.34	

MAX DEPTH 325.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 40.90
 DATE 3/ 9/76
 TIME (PST) 0922

TAPE CZ0/78/ 7-132
 LONG W123 14.83
 PASS NO.127
 STN: LINE F-10

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-v
.0	.0	26.77	11.72	20.30	52.94
2.1	2.1	27.86	11.01	21.26	31.66
5.3	5.3	28.68	10.58	21.97	34.79
10.1	10.2	29.03	10.25	22.30	5.27*
15.3	15.3	29.08	10.21	22.34	4.43*
20.1	20.2	29.11	10.20	22.36	4.95*
25.2	25.3	29.20	10.14	22.44	5.66*
30.3	30.4	29.18	10.16	22.43	6.70*
35.3	35.4	29.27	10.10	22.50	13.59
40.2	40.4	29.84	9.80	22.99	19.15
45.2	45.3	29.88	9.76	23.03	7.24*
50.1	50.2	30.02	9.69	23.15	9.27
60.3	60.6	30.21	9.58	23.32	5.39*
70.2	70.5	30.30	9.54	23.39	9.00*
80.2	80.5	30.69	9.32	23.73	8.39*
90.1	90.5	30.84	9.23	23.86	6.28*
100.2	100.6	30.93	9.17	23.94	10.68
110.1	110.6	31.25	8.99	24.22	9.26*
120.1	120.7	31.44	8.88	24.38	4.48*
130.0	130.7	31.50	8.84	24.43	4.51*
140.2	140.9	31.50	8.84	24.44	+
150.2	150.9	31.50	8.84	24.43	+
160.1	160.9	31.52	8.83	24.45	2.31*
170.0	170.9	31.53	8.82	24.46	1.83*
180.0	180.9	31.54	8.82	24.47	1.61*
190.3	191.2	31.55	8.81	24.48	4.48
200.3	201.3	31.68	8.73	24.59	8.75*
210.2	211.3	31.69	8.73	24.60	2.52*
220.3	221.4	31.72	8.71	24.63	5.41
230.3	231.5	31.83	8.64	24.72	4.49*
240.1	241.3	31.89	8.61	24.77	6.45*
250.3	251.7	31.97	8.55	24.84	.86*
260.1	261.5	31.97	8.55	24.84	1.41*
270.3	271.7	31.97	8.55	24.84	.99*
280.1	281.6	31.96	8.56	24.84	1.50*
290.2	291.7	31.96	8.56	24.84	.92*
300.1	301.7	31.98	8.55	24.85	2.74*
310.1	311.8	31.98	8.55	24.85	

MAX DEPTH 315.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 39.37
 DATE 3/ 9/76
 TIME (PST) 0943

TAPE C20/78/ 7-133
 LONG W123 14.17
 PASS NO.129
 STN: LINE F-9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.40	10.81	21.71	5.04
2.1	2.1	28.40	10.77	21.72	3.17*
5.2	5.2	28.49	10.62	21.81	8.13
10.2	10.3	28.64	10.53	21.94	11.23
15.0	15.1	28.76	10.46	22.05	6.27
20.1	20.2	28.87	10.39	22.15	7.69
25.2	25.2	28.99	10.30	22.26	12.06
30.1	30.2	29.17	10.15	22.41	8.83
35.3	35.4	29.27	10.09	22.50	5.02
40.2	40.4	29.33	10.06	22.55	5.98*
45.1	45.3	29.40	10.03	22.61	9.64*
50.0	50.2	29.59	9.93	22.78	13.96*
60.3	60.5	30.49	9.44	23.55	11.45
70.3	70.6	30.95	9.15	23.96	5.48
80.2	80.6	31.04	9.10	24.04	6.93
90.1	90.5	31.14	9.05	24.12	3.19*
100.1	100.6	31.19	9.02	24.16	2.85
110.1	110.7	31.31	8.95	24.27	9.25*
120.3	121.0	31.63	8.77	24.55	10.56
130.3	131.0	31.70	8.72	24.61	2.34*
140.1	140.8	31.70	8.72	24.60	.94*
150.2	151.0	31.72	8.71	24.62	2.25*
160.3	161.1	31.72	8.71	24.63	2.23*
170.1	171.0	31.76	8.69	24.66	4.49*
180.1	181.0	31.83	8.64	24.72	4.23*
190.0	191.0	31.86	8.62	24.75	4.17
200.2	201.2	31.95	8.56	24.83	4.10*
210.0	211.2	32.04	8.50	24.91	8.45
220.0	221.2	32.13	8.43	24.99	5.62*
230.2	231.5	32.21	8.37	25.06	4.65*
240.1	241.4	32.26	8.34	25.10	
250.2	251.6	32.25	8.34	25.10	+
260.1	261.5	32.24	8.35	25.08	+
270.1	271.6	32.24	8.35	25.08	+

MAX DEPTH 270.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 HAKO STRAIT 1976

LAT N48 38.07

DATE 3/ 9/76

TIME (PST) 1003

TAPE CZ0/78/ 7-134

LONG W123 13.23

PASS NO.131

STN: LINE F-8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	28.66	10.52	21.96	33.35
2.3	2.3	28.66	10.52	21.96	1.83*
5.3	5.3	28.66	10.50	21.97	+
10.2	10.2	28.67	10.50	21.97	9.14*
15.0	15.1	28.80	10.39	22.09	13.97
20.1	20.2	29.25	10.11	22.48	7.51
25.0	25.1	29.28	10.09	22.51	9.31*
30.2	30.3	29.50	9.97	22.70	13.60
35.2	35.4	30.13	9.63	23.25	10.91
40.3	40.5	30.41	9.48	23.48	6.87
45.2	45.4	30.49	9.43	23.55	9.23
50.2	50.4	30.62	9.36	23.66	6.00
60.0	60.3	30.77	9.27	23.80	8.62
70.3	70.6	30.80	9.25	23.82	+
80.1	80.4	30.91	9.20	23.92	4.94
90.2	90.6	30.94	9.17	23.95	6.71
100.2	100.7	31.04	9.10	24.04	+
110.4	111.0	31.57	8.81	24.49	6.93*
120.0	120.6	31.70	8.72	24.61	4.96
130.2	130.9	31.74	8.69	24.64	2.96*
140.2	140.9	31.78	8.66	24.68	3.83*
150.0	150.8	31.84	8.63	24.73	4.23*
160.1	161.0	31.93	8.57	24.81	7.90
170.2	171.1	32.02	8.52	24.89	4.58*
180.2	181.2	32.08	8.47	24.94	2.72*
190.1	191.2	32.10	8.45	24.96	3.30
200.1	201.3	32.18	8.39	25.03	5.70*
210.2	211.4	32.27	8.33	25.11	5.99
220.1	221.4	32.47	8.17	25.29	7.95*
230.1	231.5	32.47	8.18	25.29	+
240.1	241.5	32.49	8.16	25.30	

MAX DEPTH 241.4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 HAWO STRAIT 1976

LAT N48 36.84

DATE 3/ 9/76

TIME (PST) 1021

TAPE CZ0/78/ 7-135

LONG W123 12.70

PASS NO.133

STN: LINE F-7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	28.57	10.61	21.87	6.34
2.1	2.1	28.58	10.56	21.89	8.25
5.1	5.2	28.74	10.41	22.04	11.37
10.1	10.1	28.82	10.35	22.12	7.31*
15.1	15.1	28.92	10.29	22.20	6.37
20.2	20.2	29.02	10.23	22.29	6.39
25.3	25.4	29.08	10.20	22.34	5.62
30.0	30.1	29.48	9.99	22.68	17.08
35.1	35.2	29.77	9.84	22.93	9.59
40.1	40.3	30.02	9.68	23.15	10.57
45.0	45.2	30.08	9.65	23.20	5.99
50.3	50.5	30.27	9.55	23.37	7.97
60.1	60.3	31.00	9.16	23.99	13.28
70.1	70.4	31.24	9.00	24.21	8.45
80.0	80.4	31.42	8.89	24.36	6.53*
90.2	90.6	31.55	8.82	24.47	4.68*
100.1	100.6	31.63	8.77	24.54	3.12*
110.0	110.6	31.64	8.76	24.55	3.66*
120.0	120.6	31.72	8.71	24.62	4.90*
130.1	130.7	31.80	8.66	24.70	4.28*
140.1	140.8	31.81	8.65	24.70	+
150.1	150.9	31.82	8.64	24.71	+
160.3	161.1	31.83	8.64	24.72	+
170.1	171.0	31.87	8.60	24.76	3.13*
180.3	181.3	31.88	8.60	24.77	3.21*
190.0	191.1	31.96	8.54	24.84	5.89*
200.2	201.3	32.10	8.44	24.96	8.03
210.1	211.2	32.23	8.35	25.08	6.91
220.2	221.5	32.31	8.30	25.15	2.50*
230.1	231.4	32.34	8.28	25.17	+
240.2	241.6	32.35	8.27	25.18	1.61*
250.1	251.5	32.35	8.27	25.19	+

MAX DEPTH 251.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 HAKO STRAIT 1976

LAT N48 35.32

DATE 3/ 9/76

TIME (PST) 1041

TAPE CZ0/78, 7-136

LONG W123 12.98

PASS NO.135

STN: LINE F-6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-v
.0	.0	28.78	10.65	22.03	7.51
2.2	2.2	28.84	10.52	22.10	9.38
5.1	5.1	28.89	10.41	22.16	8.52*
10.1	10.2	28.90	10.40	22.17	4.86*
15.1	15.1	28.97	10.33	22.23	8.17*
20.2	20.3	28.99	10.30	22.26	10.17
25.1	25.2	29.43	10.04	22.64	6.40
30.2	30.3	29.61	9.97	22.79	16.32
35.1	35.2	30.23	9.64	23.32	10.47
40.1	40.3	30.36	9.53	23.44	8.39*
45.3	45.5	30.39	9.51	23.47	4.96*
50.3	50.5	30.43	9.47	23.50	5.73*
60.0	60.3	30.58	9.38	23.63	7.12
70.1	70.4	30.70	9.32	23.74	5.24*
80.2	80.5	31.10	9.11	24.08	10.76
90.2	90.6	31.26	9.01	24.22	4.59*
100.3	100.8	31.36	8.95	24.31	5.94
110.2	110.7	31.40	8.92	24.34	6.11*
120.2	120.8	31.41	8.92	24.35	+
130.1	130.7	31.45	8.89	24.38	2.60*
140.1	140.8	31.46	8.89	24.40	2.78*
150.2	150.9	31.48	8.87	24.42	4.14*
160.1	160.9	31.58	8.81	24.50	6.34*
170.3	171.2	31.69	8.74	24.59	4.93
180.0	181.0	31.76	8.69	24.66	3.63*
190.0	191.0	31.80	8.66	24.70	3.72*
200.2	201.3	31.85	8.63	24.74	4.73*
210.2	211.3	31.94	8.57	24.82	10.54
220.3	221.5	32.08	8.47	24.94	5.80
230.2	231.5	32.13	8.43	24.99	5.45
240.2	241.6	32.36	8.27	25.19	6.54
250.1	251.5	32.39	8.24	25.22	+
260.3	261.8	32.43	8.22	25.25	+

MAX DEPTH 265.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 33.75
 DATE 3/ 9/76
 TIME (PST) 1100

TAPE C20/78, 7-137
 LONG W123 12.67
 PASS NO.137
 STN: LINE F-5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.08	10.56	22.28	11.43
2.1	2.1	29.06	10.50	22.28	3.31*
5.3	5.3	29.14	10.39	22.36	8.31
10.0	10.0	29.33	10.19	22.54	5.19
15.1	15.1	29.37	10.12	22.58	5.31*
20.4	20.4	29.44	10.04	22.65	7.99
25.1	25.2	29.58	9.94	22.77	11.66
30.1	30.2	29.81	9.81	22.97	12.72*
35.2	35.4	29.88	9.77	23.03	5.80*
40.2	40.4	29.91	9.75	23.05	5.18
45.1	45.3	29.96	9.74	23.09	4.55*
50.2	50.4	29.98	9.74	23.11	6.24*
60.1	60.3	30.31	9.58	23.39	9.08
70.1	70.4	30.65	9.40	23.68	10.03
80.1	80.5	30.86	9.26	23.87	7.29*
90.0	90.4	31.00	9.18	23.99	5.04*
100.2	100.7	31.05	9.15	24.03	4.23*
110.2	110.7	31.13	9.10	24.10	4.38
120.1	120.6	31.16	9.08	24.13	+
130.1	130.7	31.24	9.03	24.20	4.24*
140.2	140.9	31.28	9.00	24.24	7.08
150.1	150.8	31.43	8.91	24.37	2.84
160.0	160.8	31.46	8.88	24.40	4.48*
170.1	171.0	31.55	8.83	24.47	8.73
180.0	181.0	31.81	8.66	24.70	5.69*
190.1	191.1	31.83	8.64	24.72	3.44*
200.3	201.4	31.88	8.61	24.76	2.70*
210.1	211.3	31.99	8.55	24.86	7.02
220.1	221.3	32.06	8.49	24.92	2.19*
230.4	231.7	32.08	8.48	24.94	1.97*
240.1	241.4	32.12	8.45	24.97	4.18*
250.2	251.6	32.15	8.42	25.00	+
260.0	261.5	32.37	8.26	25.20	+
270.0	271.6	32.47	8.17	25.29	+
280.0	281.6	32.51	8.13	25.33	+

MAX DEPTH 280.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 HAKO STRAIT 1976

LAT N48 32.65

DATE 3/ 9/76

TIME (PST) 1118

TAPE CZ0/78/ 7-138

LONG W123 11.52

PASS NO.139

STN: LINE F-4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	28.91	10.65	22.13	9.20
2.2	2.2	28.90	10.58	22.14	2.73*
5.3	5.3	28.97	10.49	22.20	7.12
10.2	10.2	29.07	10.36	22.30	5.03
15.3	15.3	29.09	10.32	22.33	4.88*
20.1	20.1	29.14	10.28	22.37	5.37
25.0	25.1	29.21	10.22	22.44	8.07
30.2	30.3	29.34	10.12	22.56	8.49
35.2	35.3	29.38	10.10	22.59	9.28*
40.2	40.3	29.68	9.97	22.84	11.46*
45.3	45.4	29.76	9.93	22.91	12.46*
50.1	50.3	30.17	9.69	23.27	9.18
60.2	60.4	30.28	9.60	23.36	7.45*
70.0	70.3	30.55	9.46	23.60	7.04
80.3	80.6	31.10	9.15	24.07	15.53
90.0	90.4	31.31	8.99	24.26	6.91
100.3	100.8	31.43	8.92	24.36	3.57*
110.2	110.7	31.45	8.91	24.38	2.21*
120.1	120.7	31.45	8.90	24.39	3.36*
130.1	130.7	31.50	8.87	24.43	4.38
140.2	140.9	31.67	8.76	24.58	6.51
150.1	150.8	31.67	8.75	24.58	2.21*
160.0	160.8	31.71	8.73	24.61	2.57*
170.1	171.0	31.69	8.75	24.59	+
180.1	181.0	31.73	8.72	24.63	4.62*
190.1	191.1	31.85	8.64	24.74	5.12*
200.3	201.4	32.04	8.50	24.90	7.51*
210.2	211.4	32.04	8.49	24.91	2.41*
220.3	221.6	32.07	8.47	24.94	2.33*
230.1	231.3	32.09	8.47	24.95	3.43*
240.2	241.5	32.17	8.40	25.02	8.69
250.4	251.8	32.32	8.28	25.16	+

MAX DEPTH 257.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HARO STRAIT 1976
 LAT N48 31.26
 DATE 3/ 9/76
 TIME (PST) 1139

TAPE CZ0/78/ 7-139
 LONG W123 10.59
 PASS NO.141
 STN: LINE F-3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	29.34	10.43	22.50	31.70
2.1	2.1	29.64	10.05	22.80	16.28
5.1	5.1	29.86	9.92	22.99	12.64
10.2	10.2	30.00	9.82	23.11	8.40
15.1	15.1	30.09	9.78	23.19	6.63*
20.3	20.3	30.17	9.74	23.26	5.80
25.2	25.3	30.57	9.49	23.61	23.10
30.1	30.2	30.67	9.37	23.71	4.78*
35.3	35.4	30.74	9.33	23.77	5.52*
40.2	40.4	30.77	9.31	23.79	4.62*
45.3	45.5	30.80	9.30	23.81	3.66*
50.1	50.3	30.82	9.28	23.83	6.69
60.1	60.4	30.89	9.23	23.90	3.17
70.0	70.3	30.98	9.18	23.98	5.32*
80.2	80.6	31.05	9.15	24.03	2.74*
90.3	90.7	31.05	9.15	24.04	2.40*
100.3	100.8	31.06	9.15	24.04	1.75*
110.2	110.7	31.07	9.15	24.05	2.75*
120.0	120.6	31.17	9.09	24.14	7.00*
130.2	130.8	31.33	8.99	24.28	4.50
140.1	140.8	31.44	8.93	24.37	6.72*
150.1	150.8	31.56	8.84	24.48	6.21*
160.2	161.0	31.77	8.70	24.66	8.52
170.3	171.2	31.91	8.60	24.79	6.43
180.2	181.2	32.09	8.47	24.95	10.55
190.1	191.2	32.22	8.37	25.06	4.75*
200.1	201.2	32.30	8.31	25.14	5.50
210.4	211.6	32.36	8.26	25.19	3.42*
220.1	221.3	32.37	8.24	25.20	1.93*
230.1	231.4	32.39	8.22	25.22	4.86*
240.3	241.7	32.44	8.18	25.26	5.33

MAX DEPTH 249.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 HARO STRAIT 1976

LAT N48 30.31

DATE 3/ 9/76

TIME (PST) 1200

TAPE CZ0/78/ 7-140

LONG W123 9.38

PASS NO.143

STN: LINE F-2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.94	11.09	22.09	6.50
2.2	2.2	29.15	10.62	22.33	15.66
5.0	5.0	29.71	9.95	22.87	11.09
10.1	10.2	29.87	9.84	23.01	7.98
15.1	15.2	30.03	9.73	23.15	9.41
20.0	20.1	30.15	9.66	23.25	5.83*
25.2	25.3	30.19	9.64	23.29	4.25*
30.0	30.1	30.24	9.61	23.34	6.39*
35.1	35.3	30.40	9.60	23.46	8.53*
40.0	40.2	30.47	9.58	23.51	6.08
45.2	45.4	30.53	9.56	23.56	6.37*
50.0	50.2	30.63	9.48	23.65	7.11*
60.1	60.4	30.77	9.39	23.78	7.20*
70.4	70.7	30.89	9.33	23.88	5.57
80.2	80.5	30.95	9.25	23.94	3.93
90.1	90.5	30.98	9.23	23.97	5.05*
100.1	100.6	31.06	9.16	24.04	5.31*
110.1	110.6	31.16	9.10	24.13	5.55*
120.2	120.8	31.18	9.08	24.15	3.57*
130.2	130.8	31.26	9.04	24.21	4.35
140.0	140.7	31.31	9.01	24.26	4.37*
150.0	150.8	31.36	8.98	24.30	4.57*
160.1	160.9	31.41	8.95	24.34	10.60
170.1	171.0	31.60	8.82	24.52	8.76
180.1	181.0	31.69	8.75	24.59	4.50
190.0	191.0	31.78	8.68	24.68	5.85*
200.3	201.4	31.88	8.61	24.76	4.35*
210.1	211.2	31.89	8.61	24.77	3.38*
220.1	221.3	31.98	8.53	24.85	9.17
230.1	231.4	32.22	8.36	25.07	8.70
240.2	241.6	32.32	8.27	25.16	2.07*

MAX DEPTH 246.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 HAKO STRAIT 1976
 LAT N48 28.66
 DATE 3/ 9/76
 TIME (PST) 1219

TAPE CZ0/78/ 7-141
 LONG W123 8.60
 PASS NO.145
 STN: LINE F-1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.63	9.70	23.63	7.21*
2.2	2.2	30.67	9.65	23.66	5.94*
5.3	5.3	30.59	9.73	23.59	4.04*
10.1	10.2	30.66	9.63	23.65	2.85*
15.4	15.4	30.67	9.60	23.67	3.04*
20.2	20.3	30.65	9.64	23.65	+
25.1	25.2	30.65	9.65	23.64	3.41*
30.0	30.2	30.62	9.70	23.61	+
35.3	35.5	30.63	9.68	23.63	3.78*
40.1	40.2	30.66	9.62	23.66	3.37*
45.2	45.4	30.67	9.61	23.66	2.53*
50.1	50.3	30.68	9.60	23.68	2.36*
60.2	60.4	30.69	9.58	23.69	2.82*
70.1	70.4	30.71	9.55	23.71	3.99
80.1	80.5	30.75	9.51	23.74	1.75*
90.3	90.7	30.73	9.53	23.73	1.36*
100.0	100.4	30.67	9.61	23.67	+
110.3	110.8	30.65	9.65	23.64	2.90*
120.1	120.6	30.70	9.57	23.70	5.50*
130.2	130.7	30.80	9.45	23.79	5.31*
140.2	140.8	30.80	9.45	23.79	2.04*
150.2	150.9	30.81	9.44	23.80	3.71*
160.1	160.8	30.81	9.44	23.80	+
170.1	170.8	30.85	9.40	23.84	4.81
180.0	180.8	30.85	9.39	23.84	+
190.1	190.9	30.86	9.40	23.84	5.48*
200.2	201.1	30.87	9.38	23.86	4.77*
210.2	211.1	30.97	9.30	23.95	4.54*
220.2	221.2	31.09	9.21	24.06	9.76
230.2	231.3	31.61	8.84	24.52	12.91
240.2	241.5	31.95	8.56	24.83	6.59*
250.0	251.4	32.07	8.48	24.93	4.51*
260.0	261.5	32.06	8.48	24.93	9.76*

MAX DEPTH 265.4

CRUISE No. 5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 46.86
 DATE 1/10/76
 TIME (PST) 0947

TAPE CZ0/78/ 7-142
 LONG W123 2.50
 PASS NO. 17
 STN: LINE 5-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.12	10.60	20.76	19.55
2.0	2.0	27.38	10.47	20.97	13.16
5.2	5.2	27.40	10.46	20.99	10.05*
10.2	10.3	27.64	10.39	21.19	11.13
15.1	15.1	27.81	10.33	21.33	14.26
20.1	20.2	28.38	10.14	21.80	20.26
25.0	25.1	28.82	9.98	22.17	5.18
30.2	30.3	29.01	9.92	22.33	15.37
35.2	35.3	29.62	9.69	22.84	19.09
40.1	40.3	29.81	9.61	23.00	6.78
45.2	45.3	29.93	9.55	23.10	6.04
50.1	50.3	29.96	9.54	23.13	5.14*
60.0	60.3	30.06	9.49	23.21	6.15*
70.1	70.3	30.20	9.43	23.33	6.48
80.0	80.4	30.30	9.37	23.42	4.99
90.1	90.5	30.54	9.26	23.62	2.42*
100.3	100.7	30.54	9.26	23.62	4.60*
110.2	110.7	30.66	9.21	23.72	5.00*
120.2	120.7	30.73	9.17	23.78	1.20*
130.1	130.7	30.84	9.11	23.88	4.24*
140.0	140.6	30.88	9.09	23.91	1.26*
150.0	150.7	30.90	9.08	23.93	2.83*
160.0	160.8	30.89	9.09	23.92	+
170.1	170.8	31.01	9.03	24.02	5.75*
180.1	180.9	31.11	8.97	24.11	3.80*
190.1	190.9	31.14	8.96	24.13	

MAX DEPTH 197.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 46.04
 DATE 1/10/76
 TIME (PST) 1003

TAPE CZ0/78/ 7-143
 LONG W123 1.80
 PASS NO. 19
 STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.37	10.99	20.11	60.70
2.1	2.1	27.86	10.44	21.35	34.78
5.3	5.3	28.28	10.24	21.71	18.94
10.2	10.2	29.37	9.82	22.62	21.00
15.2	15.2	29.70	9.69	22.90	20.01
20.3	20.4	30.32	9.36	23.43	12.63*
25.1	25.2	30.33	9.35	23.44	9.30*
30.0	30.1	30.31	9.36	23.43	7.14*
35.1	35.3	30.31	9.36	23.43	+
40.2	40.4	30.32	9.35	23.44	2.83*
45.2	45.4	30.34	9.35	23.45	2.51*
50.0	50.2	30.35	9.35	23.46	2.74*
60.1	60.4	30.39	9.33	23.49	3.33*
70.2	70.5	30.40	9.32	23.50	2.65*
80.3	80.6	30.43	9.31	23.53	4.88*
90.2	90.6	30.55	9.26	23.63	6.10*
100.1	100.6	30.61	9.24	23.68	7.20
110.3	110.8	31.04	9.04	24.05	7.17*
120.0	120.6	31.09	9.01	24.09	4.56
130.2	130.8	31.17	8.97	24.15	4.79*
140.1	140.7	31.17	8.97	24.16	+
150.1	150.8	31.16	8.97	24.15	+
160.2	161.0	31.14	8.98	24.13	+
170.0	170.8	31.15	8.98	24.14	1.12*
180.1	180.9	31.14	8.99	24.13	3.80*
190.1	191.0	31.14	8.98	24.13	+
200.1	201.0	31.09	9.01	24.09	

MAX DEPTH 200.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 44.88
 DATE 1/10/76
 TIME (PST) 1017

TAPE CZ0/78/ 7-144
 LONG W123 .76
 PASS NO. 21
 STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.10	10.85	20.70	31.02
2.1	2.1	27.75	10.56	21.25	23.28
5.3	5.3	28.09	10.39	21.54	21.36
10.3	10.3	28.59	10.17	21.96	13.95*
15.0	15.1	28.86	10.07	22.19	10.90
20.3	20.3	29.05	10.00	22.35	9.19
25.1	25.2	29.14	9.96	22.42	7.38*
30.2	30.3	29.22	9.93	22.49	6.64
35.1	35.2	29.40	9.85	22.64	6.09*
40.2	40.3	29.35	9.88	22.60	3.27
45.2	45.3	29.52	9.82	22.74	10.12
50.0	50.2	29.70	9.73	22.89	12.48
60.3	60.5	29.81	9.67	22.99	3.76*
70.1	70.4	29.90	9.62	23.06	5.27*
80.1	80.4	29.97	9.61	23.12	7.90*
90.0	90.4	30.04	9.56	23.19	2.77
100.0	100.4	30.16	9.51	23.28	

MAX DEPTH 103.0

CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 43.22
 DATE 1/10/76
 TIME (PST) 1030

TAPE CZ0/78/ 7-145
 LONG W122 59.27
 PASS NO. 23
 STN: LINE 5-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	21.91	12.45	16.43	52.65
2.2	2.2	24.04	11.87	18.17	49.30
5.2	5.2	27.03	10.91	20.63	31.90
10.2	10.2	27.64	10.68	21.15	17.43
15.2	15.2	28.30	10.37	21.70	10.03
20.3	20.4	28.58	10.23	21.95	20.18
25.3	25.4	29.09	9.97	22.38	8.01
30.1	30.2	29.40	9.83	22.65	8.42
35.1	35.2	29.42	9.82	22.67	8.23*
40.0	40.1	29.64	9.72	22.85	7.44
45.1	45.3	29.75	9.67	22.94	4.97*
50.2	50.4	29.78	9.66	22.96	4.50*
60.1	60.4	30.20	9.48	23.32	11.01
70.1	70.4	30.23	9.46	23.35	5.32*
80.2	80.5	30.34	9.41	23.45	4.10*
90.2	90.5	30.43	9.37	23.52	7.31
100.0	100.5	30.50	9.33	23.58	4.23*
110.1	110.5	30.55	9.31	23.62	5.16
120.1	120.6	30.63	9.27	23.69	

MAX DEPTH 124.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 42.21
 DATE 1/10/76
 TIME (PST) 1043

TAPE CZ0/78/ 7-146
 LONG W122 58.36
 PASS NO. 25
 STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	23.17	12.10	17.46	23.98
2.2	2.2	24.34	11.73	18.43	34.25
5.0	5.0	25.57	11.25	19.45	20.43
10.2	10.3	27.19	10.70	20.79	37.86
15.0	15.1	28.47	10.28	21.85	33.53
20.1	20.2	29.57	9.79	22.78	11.11
25.0	25.1	29.82	9.67	23.00	10.97
30.1	30.3	29.89	9.63	23.06	4.33*
35.2	35.4	29.90	9.62	23.07	4.13
40.2	40.3	29.95	9.60	23.11	4.92
45.0	45.2	29.97	9.59	23.13	4.85*
50.1	50.3	30.03	9.56	23.18	5.37*
60.2	60.4	30.14	9.51	23.28	5.35*
70.1	70.3	30.20	9.49	23.32	6.79
80.2	80.5	30.29	9.44	23.40	4.84
90.2	90.6	30.33	9.43	23.43	3.23*
100.2	100.6	30.39	9.40	23.49	4.38*
110.1	110.5	30.39	9.40	23.48	+
120.0	120.5	30.41	9.39	23.50	3.08*
130.0	130.6	30.45	9.37	23.54	4.44*
140.2	140.8	30.48	9.36	23.56	+
150.0	150.7	30.50	9.35	23.57	+
160.1	160.8	30.51	9.35	23.59	+
170.2	170.9	30.68	9.25	23.73	5.75*

MAX DEPTH 177.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 28.66

DATE 6/10/76

TIME (PST) 0940

TAPE CZ0/78/ 7-147

LONG W123 8.60

PASS NO. 27

STN: LINE F-1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.31	10.09	22.53	24.86
2.1	2.1	29.67	9.85	22.85	17.87
5.1	5.1	29.91	9.69	23.07	10.45
10.0	10.1	30.12	9.60	23.24	11.79
15.1	15.1	30.53	9.38	23.59	10.48
20.2	20.2	30.57	9.35	23.63	7.34*
25.0	25.1	30.66	9.30	23.71	5.01
30.3	30.4	30.85	9.20	23.87	12.00
35.2	35.3	31.03	9.09	24.02	5.85*
40.1	40.3	31.08	9.06	24.07	7.17
45.2	45.4	31.27	8.94	24.23	5.21
50.2	50.4	31.30	8.92	24.27	6.05*
60.0	60.3	31.51	8.79	24.44	9.64
70.1	70.4	31.66	8.70	24.58	6.49*
80.1	80.5	31.79	8.62	24.69	4.52*
90.1	90.6	31.84	8.59	24.73	4.33*
100.0	100.6	31.86	8.58	24.75	2.08*
110.1	110.7	31.88	8.56	24.77	4.39*
120.3	120.9	32.03	8.47	24.90	4.52*
130.2	130.9	32.05	8.45	24.92	2.46*
140.4	141.2	32.07	8.44	24.94	2.24*
150.1	151.0	32.08	8.43	24.95	2.25*
160.3	161.2	32.11	8.41	24.97	2.78*
170.5	171.5	32.15	8.39	25.01	3.67*
180.2	181.2	32.18	8.37	25.04	4.30
190.1	191.2	32.22	8.33	25.07	3.98
200.1	201.2	32.24	8.32	25.09	+
210.0	211.2	32.27	8.30	25.11	+
220.1	221.4	32.27	8.30	25.12	+
230.0	231.3	32.30	8.29	25.14	+

MAX DEPTH 238.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 30.31
 DATE 6/10/76
 TIME (PST) 1003

TAPE CZ0/78/ 7-148
 LONG W123 9.38
 PASS NO. 29
 STN: LINE F-2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.37	9.99	22.60	8.88
2.0	2.1	29.56	9.87	22.77	14.92
5.1	5.1	30.09	9.58	23.22	12.91
10.2	10.3	30.27	9.50	23.37	10.24*
15.1	15.1	30.45	9.40	23.53	10.51
20.2	20.2	30.70	9.29	23.74	9.22
25.3	25.4	30.80	9.23	23.83	7.60*
30.2	30.4	30.83	9.21	23.86	4.54*
35.1	35.3	30.85	9.20	23.87	6.84*
40.1	40.2	30.99	9.11	24.00	8.71
45.2	45.4	31.17	9.01	24.15	8.78
50.0	50.2	31.24	8.96	24.21	7.47*
60.1	60.4	31.35	8.89	24.31	3.29*
70.0	70.4	31.39	8.88	24.34	6.91
80.0	80.5	31.77	8.64	24.67	9.12*
90.2	90.7	31.83	8.60	24.73	10.46
100.2	100.8	32.18	8.36	25.04	5.74*
110.2	110.8	32.28	8.30	25.12	5.78*
120.2	120.8	32.36	8.24	25.19	2.72*
130.1	130.8	32.36	8.24	25.19	.87*
140.0	140.8	32.36	8.24	25.20	.95*
150.1	150.9	32.36	8.24	25.20	.73*
160.1	161.0	32.36	8.24	25.19	.47*
170.2	171.2	32.36	8.24	25.20	.85*
180.0	181.1	32.37	8.23	25.20	2.56*
190.1	191.2	32.40	8.22	25.23	2.05*
200.1	201.2	32.40	8.22	25.23	1.52*
210.2	211.4	32.41	8.21	25.23	1.81*
220.2	221.4	32.42	8.21	25.24	1.39*
230.2	231.5	32.42	8.21	25.25	1.18*
240.2	241.6	32.43	8.20	25.26	1.02*
250.2	251.6	32.44	8.19	25.26	+
260.0	261.5	32.43	8.20	25.26	+
270.1	271.7	32.45	8.18	25.27	+
280.1	281.7	32.51	8.14	25.32	+
290.1	291.8	32.55	8.11	25.36	+
300.1	301.9	32.71	7.98	25.50	5.66*
310.0	311.9	32.74	7.96	25.54	

MAX DEPTH 312.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 31.26
 DATE 6/10/76
 TIME (PST) 1024

TAPE CZ0/78/ 7-149
 LONG W123 10.59
 PASS NO. 31
 STN: LINE F-3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.52	10.43	21.86	+
2.2	2.2	28.53	10.40	21.88	7.50
5.3	5.3	28.70	10.27	22.03	13.83
10.1	10.1	29.06	10.08	22.34	17.62
15.4	15.4	30.27	9.48	23.38	13.90
20.1	20.2	30.50	9.36	23.57	12.05
25.0	25.2	30.76	9.25	23.79	12.07
30.1	30.2	30.89	9.17	23.91	10.59
35.0	35.2	31.09	9.05	24.08	13.42
40.1	40.3	31.36	8.89	24.32	8.94
45.1	45.3	31.44	8.84	24.39	6.02*
50.2	50.4	31.49	8.81	24.43	5.10*
60.2	60.5	31.61	8.73	24.53	5.69
70.1	70.4	31.74	8.65	24.65	3.20*
80.0	80.5	31.82	8.60	24.72	6.20
90.1	90.6	31.94	8.53	24.83	5.22*
100.2	100.7	31.97	8.51	24.85	5.83
110.1	110.7	32.03	8.47	24.90	5.01
120.2	120.8	32.15	8.39	25.01	4.51
130.1	130.8	32.18	8.37	25.03	+
140.0	140.8	32.24	8.33	25.08	+
150.2	151.1	32.27	8.31	25.11	+
160.0	160.9	32.29	8.30	25.13	+
170.2	171.1	32.40	8.21	25.23	3.77*
180.0	181.1	32.42	8.20	25.25	1.88*
190.2	191.3	32.44	8.19	25.27	+
200.2	201.4	32.52	8.13	25.34	4.71*
210.2	211.4	32.54	8.11	25.35	2.53*
220.1	221.4	32.59	8.06	25.40	7.66
230.1	231.5	32.59	8.07	25.40	3.04*
240.1	241.5	32.71	7.97	25.51	4.36*
250.1	251.6	32.74	7.96	25.53	

MAX DEPTH 255.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 32.65
 DATE 6/10/76
 TIME (PST) 1047

TAPE CZ0/78/ 7-150
 LONG W123 11.52
 PASS NO. 33
 STN: LINE F-4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.44	10.53	21.79	+
2.1	2.1	28.50	10.43	21.85	13.09
5.1	5.1	28.83	10.19	22.15	12.10
10.3	10.3	28.92	10.15	22.22	8.81
15.3	15.3	29.50	9.85	22.72	15.60
20.2	20.3	30.21	9.49	23.33	19.34
25.2	25.3	30.55	9.33	23.62	14.47
30.3	30.4	30.83	9.18	23.86	9.88*
35.2	35.3	30.89	9.14	23.91	6.01
40.2	40.4	30.91	9.13	23.93	4.15
45.1	45.3	30.94	9.11	23.96	6.35*
50.1	50.3	31.06	9.06	24.06	7.42
60.1	60.4	31.26	8.93	24.24	6.67
70.2	70.5	31.32	8.92	24.28	3.56*
80.1	80.5	31.42	8.85	24.37	7.23*
90.0	90.5	31.66	8.70	24.58	6.67
100.1	100.7	31.87	8.56	24.76	5.36
110.1	110.6	31.92	8.53	24.80	3.11*
120.1	120.7	31.94	8.52	24.82	2.46*
130.2	130.9	31.95	8.52	24.83	2.07*
140.2	141.0	31.97	8.50	24.85	4.90
150.2	151.0	32.02	8.47	24.89	2.25*
160.1	161.0	32.04	8.46	24.91	2.19*
170.1	171.0	32.05	8.45	24.92	2.27*
180.2	181.2	32.09	8.43	24.96	4.34
190.3	191.3	32.14	8.38	25.00	5.58*
200.0	201.2	32.30	8.29	25.14	6.15
210.2	211.4	32.36	8.24	25.20	2.98*
220.1	221.4	32.38	8.24	25.21	+
230.0	231.3	32.38	8.24	25.21	+
240.2	241.6	32.39	8.24	25.21	+
250.0	251.5	32.43	8.20	25.26	+

MAX DEPTH 250.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 33.75

DATE 6/10/76

TIME (PST) 1105

TAPE CZO/78/ 7-151

LONG W123 12.67

PASS NO. 35

STN: LINE F-5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.27	10.61	21.65	8.18
2.2	2.2	28.31	10.57	21.68	5.95
5.0	5.0	28.38	10.54	21.74	9.71
10.3	10.3	28.75	10.29	22.07	13.91
15.3	15.4	28.87	10.18	22.18	9.93*
20.1	20.1	29.28	9.96	22.53	15.79*
25.1	25.2	29.59	9.79	22.80	17.07*
30.0	30.1	30.38	9.39	23.48	16.91
35.0	35.2	30.54	9.31	23.61	9.51
40.1	40.3	30.71	9.21	23.76	10.12*
45.1	45.3	30.88	9.13	23.90	8.60*
50.1	50.3	30.94	9.10	23.96	7.29*
60.2	60.5	31.05	9.05	24.05	7.39
70.3	70.6	31.13	9.00	24.12	5.48
80.2	80.6	31.29	8.91	24.26	8.23*
90.1	90.5	31.46	8.81	24.40	6.70*
100.2	100.7	31.62	8.71	24.54	7.17*
110.2	110.7	31.71	8.65	24.63	6.07*
120.1	120.8	31.88	8.56	24.77	4.98*
130.0	130.7	31.93	8.53	24.82	3.33*
140.2	140.9	31.96	8.51	24.84	2.55*
150.1	150.9	31.98	8.50	24.86	2.56*
160.2	161.1	32.01	8.48	24.88	4.05*
170.0	171.0	32.10	8.42	24.96	4.29*
180.1	181.1	32.15	8.39	25.00	4.58
190.0	191.1	32.16	8.38	25.02	2.15*
200.2	201.4	32.18	8.37	25.04	4.98
210.2	211.4	32.30	8.28	25.14	4.40*
220.2	221.4	32.33	8.26	25.17	2.26*
230.2	231.5	32.34	8.25	25.18	2.01*
240.1	241.5	32.38	8.24	25.21	1.92*
250.1	251.5	32.39	8.23	25.22	2.54*
260.1	261.6	32.43	8.20	25.25	2.81*
270.1	271.7	32.45	8.19	25.27	

MAX DEPTH 275.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 35.32
 DATE 6/10/76
 TIME (PST) 1154

TAPE CZ0/78/ 7-152
 LONG W123 12.98
 PASS NO. 37
 STN: LINE F-6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.34	10.84	21.66	4.13
2.1	2.1	28.36	10.75	21.69	6.05
5.1	5.1	28.38	10.69	21.72	6.82
10.1	10.1	28.61	10.42	21.94	17.05
15.3	15.3	28.80	10.24	22.12	8.33
20.2	20.2	29.06	10.11	22.34	15.51
25.1	25.2	29.41	9.93	22.64	18.78
30.0	30.2	29.99	9.66	23.13	10.58
35.3	35.4	30.24	9.48	23.36	7.66*
40.0	40.2	30.28	9.45	23.39	5.60*
45.2	45.4	30.30	9.42	23.41	9.42*
50.0	50.2	30.57	9.28	23.64	11.29
60.0	60.3	31.06	9.03	24.06	9.43
70.2	70.6	31.21	8.96	24.19	7.53
80.1	80.5	31.35	8.88	24.31	6.08*
90.2	90.7	31.44	8.82	24.39	5.54
100.1	100.6	31.61	8.72	24.54	7.16
110.0	110.6	31.84	8.58	24.74	4.13*
120.0	120.7	31.88	8.56	24.77	3.96*
130.2	130.9	31.96	8.51	24.84	2.48*
140.1	140.8	31.98	8.49	24.86	3.40*
150.1	150.9	32.05	8.45	24.92	3.79*
160.2	161.0	32.10	8.42	24.96	3.42*
170.2	171.2	32.13	8.40	24.99	1.50*
180.1	181.1	32.13	8.40	24.99	1.28*
190.1	191.1	32.14	8.40	25.00	.81*
200.1	201.2	32.12	8.41	24.98	3.96*
210.2	211.4	32.23	8.34	25.08	2.51*
220.2	221.4	32.23	8.33	25.08	3.98*
230.1	231.5	32.35	8.25	25.18	5.60
240.0	241.4	32.43	8.20	25.25	3.63*
250.1	251.5	32.45	8.18	25.28	2.44*
260.1	261.6	32.46	8.18	25.28	

MAX DEPTH 267.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 36.84
 DATE 6/10/76
 TIME (PST) 1210

TAPE CZ0/78/ 7-153
 LONG W123 12.70
 PASS NO. 39
 STN: LINE F-7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B=V
.0	.0	28.54	10.63	21.85	12.92
2.4	2.4	28.64	10.41	21.97	13.22
5.1	5.2	28.74	10.28	22.06	6.13
10.1	10.1	28.78	10.24	22.10	7.03
15.2	15.2	28.93	10.15	22.23	8.73
20.2	20.2	29.07	10.08	22.35	6.15
25.1	25.2	29.28	9.97	22.53	13.06
30.1	30.2	29.54	9.82	22.76	11.91*
35.0	35.2	29.76	9.72	22.94	12.77
40.2	40.3	30.17	9.53	23.29	16.48
45.0	45.2	30.70	9.25	23.75	8.94
50.1	50.3	30.76	9.22	23.80	4.86
60.2	60.5	31.13	9.01	24.12	9.30*
70.1	70.4	31.43	8.82	24.38	11.06
80.2	80.6	31.61	8.72	24.54	5.12*
90.2	90.6	31.73	8.65	24.64	5.85*
100.2	100.7	31.77	8.63	24.68	2.43
110.1	110.7	31.85	8.58	24.75	5.75
120.1	120.7	31.99	8.49	24.87	5.70
130.1	130.8	32.04	8.46	24.91	1.32*
140.0	140.8	32.03	8.46	24.90	+
150.2	151.0	32.07	8.44	24.94	3.77
160.2	161.0	32.09	8.43	24.96	4.58*
170.0	171.0	32.20	8.35	25.05	4.51*
180.2	181.2	32.29	8.29	25.13	3.47*
190.2	191.3	32.31	8.28	25.15	2.21*
200.2	201.4	32.32	8.27	25.16	1.38*
210.3	211.5	32.32	8.27	25.16	1.16*
220.1	221.3	32.36	8.24	25.19	4.87*
230.0	231.3	32.37	8.24	25.20	+
240.2	241.6	32.37	8.24	25.20	+
250.0	251.5	32.37	8.24	25.20	+

MAX DEPTH 252.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 38.07
 DATE 6/10/76
 TIME (PST) 1227

TAPE CZ0/78/ 7-154
 LONG W123 13.23
 PASS NO. 41
 STN: LINE F-8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.50	10.59	21.83	11.82
2.1	2.1	28.50	10.52	21.84	3.79*
5.3	5.3	28.59	10.43	21.93	10.05
10.3	10.3	28.85	10.21	22.16	8.27
15.1	15.1	28.96	10.14	22.25	7.98*
20.1	20.1	29.04	10.08	22.33	8.85
25.3	25.3	29.29	9.96	22.54	16.86
30.1	30.2	29.78	9.70	22.96	11.20
35.2	35.4	30.02	9.59	23.16	12.16
40.2	40.3	30.19	9.51	23.31	8.96*
45.2	45.4	30.50	9.35	23.57	12.46
50.1	50.3	30.62	9.29	23.68	15.35*
60.2	60.5	30.96	9.11	23.97	13.28
70.2	70.5	31.38	8.86	24.34	8.47
80.0	80.4	31.44	8.82	24.39	2.39*
90.0	90.5	31.45	8.82	24.39	6.45*
100.2	100.8	31.65	8.69	24.57	8.28
110.2	110.8	31.81	8.60	24.71	3.48*
120.1	120.7	31.83	8.59	24.72	3.03*
130.2	130.9	31.85	8.58	24.75	4.70*
140.0	140.8	31.93	8.52	24.82	5.28
150.2	151.0	31.95	8.51	24.83	2.61*
160.0	160.9	31.99	8.49	24.87	5.85
170.1	171.0	32.04	8.45	24.91	4.32*
180.3	181.3	32.22	8.33	25.07	7.37*
190.3	191.3	32.24	8.33	25.08	2.61*
200.3	201.4	32.26	8.31	25.11	2.14*
210.3	211.5	32.28	8.30	25.13	1.91*
220.0	221.2	32.28	8.30	25.13	+
230.0	231.3	32.28	8.30	25.12	+
240.1	241.4	32.29	8.30	25.13	+

MAX DEPTH 245.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 39.37
 DATE 6/10/76
 TIME (PST) 1244

TAPE CZ0/78/ 7-155
 LONG W123 14.17
 PASS NO. 43
 STN: LINE F-9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.60	10.49	21.92	100.03
2.2	2.2	28.65	10.40	21.97	42.88
5.1	5.1	28.84	10.23	22.15	13.64
10.3	10.4	29.03	10.11	22.31	6.29
15.0	15.1	29.12	10.06	22.39	7.87
20.2	20.3	29.19	10.01	22.45	8.15*
25.2	25.3	29.32	9.93	22.57	10.14
30.2	30.3	29.47	9.86	22.69	11.76
35.2	35.4	30.10	9.52	23.24	11.43
40.0	40.2	30.17	9.48	23.30	5.94*
45.2	45.4	30.18	9.48	23.31	8.41*
50.2	50.4	30.52	9.31	23.60	8.28
60.0	60.3	30.66	9.22	23.72	7.17
70.1	70.4	30.83	9.14	23.86	6.04*
80.1	80.5	31.04	9.03	24.05	8.86*
90.2	90.6	31.32	8.87	24.29	9.52
100.1	100.6	31.72	8.64	24.63	5.17*
110.1	110.7	31.79	8.60	24.70	2.59*
120.3	120.9	31.80	8.59	24.71	1.71*
130.0	130.7	31.78	8.61	24.68	+
140.2	141.0	31.79	8.60	24.70	2.29*
150.1	150.9	31.78	8.61	24.69	+
160.0	160.8	31.82	8.59	24.72	+
170.2	171.1	31.96	8.51	24.84	+
180.1	181.1	32.06	8.45	24.93	4.58*
190.1	191.1	32.09	8.42	24.96	+
200.1	201.2	32.14	8.40	25.00	4.18*
210.3	211.5	32.22	8.34	25.07	3.65*
220.4	221.6	32.25	8.33	25.09	2.08*
230.3	231.6	32.25	8.32	25.09	1.59*
240.1	241.4	32.26	8.32	25.10	1.15*
250.1	251.5	32.26	8.32	25.10	3.36
260.2	261.6	32.30	8.29	25.14	

MAX DEPTH 260.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 40.90
 DATE 6/10/76
 TIME (PST) 1300

TAPE CZ0/78/ 7-156
 LONG W123 14.83
 PASS NO. 45
 STN: LINE F-10

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.21	10.75	21.58	2.48
2.1	2.1	28.30	10.61	21.67	15.17
5.2	5.3	28.60	10.34	21.94	13.08
10.2	10.2	29.28	9.98	22.53	12.89
15.2	15.2	29.47	9.86	22.70	10.54
20.1	20.2	29.56	9.81	22.77	3.66*
25.2	25.3	29.57	9.81	22.78	2.43*
30.0	30.1	29.57	9.81	22.78	3.12*
35.1	35.2	29.59	9.80	22.80	4.68
40.3	40.4	29.70	9.75	22.89	10.54*
45.1	45.3	29.79	9.70	22.97	16.44*
50.0	50.2	30.58	9.27	23.65	8.49
60.2	60.5	31.02	9.03	24.03	13.42
70.2	70.5	31.12	8.97	24.12	8.38*
80.2	80.6	31.31	8.87	24.28	4.19*
90.2	90.7	31.34	8.85	24.31	4.37*
100.2	100.7	31.42	8.81	24.37	2.99*
110.1	110.6	31.43	8.81	24.38	1.95*
120.1	120.7	31.45	8.80	24.40	3.37*
130.2	130.8	31.54	8.75	24.48	4.35*
140.1	140.9	31.61	8.71	24.54	5.16*
150.1	150.9	31.70	8.65	24.62	5.34*
160.3	161.1	31.79	8.61	24.69	3.89*
170.2	171.1	31.81	8.59	24.71	2.98*
180.2	181.1	31.81	8.59	24.71	+
190.2	191.2	31.89	8.53	24.78	12.96
200.0	201.1	31.93	8.52	24.82	+
210.1	211.2	32.12	8.42	24.98	7.16*
220.3	221.5	32.13	8.40	24.99	4.32
230.3	231.6	32.13	8.40	24.99	+
240.0	241.4	32.16	8.39	25.01	+
250.2	251.6	32.23	8.34	25.08	1.89*
260.1	261.6	32.22	8.35	25.07	.45*
270.1	271.6	32.23	8.34	25.08	2.14
280.3	281.9	32.21	8.35	25.06	5.25*
290.1	291.7	32.22	8.35	25.07	+
300.2	301.9	32.29	8.30	25.13	2.45*

MAX DEPTH 309.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 27.36
 DATE 7/10/76
 TIME (PST) 0642

TAPE CZ0/78/ 7-157
 LONG W123 15.61
 PASS NO. 47
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.67	10.49	21.98	10.93
2.1	2.1	28.86	10.43	22.13	20.11
5.0	5.0	29.32	10.13	22.53	15.93
10.3	10.3	29.68	9.91	22.85	13.46
15.1	15.2	30.03	9.68	23.16	17.51*
20.0	20.1	30.29	9.51	23.39	15.62
25.1	25.2	30.82	9.22	23.85	22.69
30.2	30.4	31.45	8.81	24.40	5.24
35.1	35.2	31.46	8.80	24.41	
MAX DEPTH	37.7				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 27.78
 DATE 7/10/76
 TIME (PST) 0648

TAPE CZ0/78/ 7-158
 LONG W123 14.72
 PASS NO. 49
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.26	10.11	22.49	6.99
2.1	2.1	29.35	10.04	22.57	9.90
5.1	5.1	29.55	9.89	22.75	16.71
10.0	10.0	29.69	9.82	22.87	7.90*
15.1	15.1	29.84	9.74	23.00	10.12*
20.2	20.2	30.10	9.60	23.23	9.37
25.1	25.2	30.48	9.38	23.56	13.01
30.1	30.2	30.95	9.10	23.96	18.07*
35.1	35.3	31.21	8.94	24.20	10.15

MAX DEPTH 38.5

CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.02
 DATE 7/10/76
 TIME (PST) 0701

TAPE CZ0/78/ 7-159
 LONG W123 13.86
 PASS NO. 51
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.08	10.15	22.35	7.60
2.2	2.2	29.08	10.16	22.35	2.99*
5.2	5.2	29.10	10.16	22.36	7.77
10.2	10.2	29.33	10.04	22.56	7.93
15.0	15.1	29.38	10.01	22.60	5.13*
20.1	20.2	29.39	10.01	22.61	5.91
25.1	25.2	29.58	9.90	22.77	9.17
30.2	30.3	29.96	9.68	23.11	12.26*
35.3	35.4	29.99	9.65	23.14	3.90*
40.1	40.2	30.04	9.63	23.18	4.98
45.1	45.2	30.10	9.59	23.23	+
50.0	50.3	31.13	8.99	24.12	

MAX DEPTH 50.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.25
 DATE 7/10/76
 TIME (PST) 0713

TAPE CZ0/78/ 7-160
 LONG W123 13.23
 PASS NO. 53
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.99	10.24	22.26	+
2.2	2.2	29.05	10.22	22.32	9.56
5.2	5.2	29.31	10.07	22.54	16.71
10.1	10.1	29.48	9.95	22.69	17.62*
15.1	15.1	30.40	9.44	23.48	18.98
20.3	20.4	30.76	9.23	23.80	13.42
25.2	25.3	30.97	9.10	23.98	5.38*
30.2	30.3	30.98	9.08	23.99	4.03*
35.1	35.3	30.99	9.08	24.00	5.18*
40.2	40.4	31.06	9.04	24.06	6.28
45.0	45.2	31.11	9.00	24.10	7.11

MAX DEPTH 48.7

CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.48
 DATE 7/10/76
 TIME (PST) 0722

TAPE CZ0/78/ 7-161
 LONG W123 12.43
 PASS NO. 55
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.06	10.18	22.33	12.68
2.1	2.1	29.25	10.11	22.48	17.47
5.1	5.1	29.62	9.89	22.81	11.64
10.3	10.3	30.06	9.64	23.19	11.18
15.1	15.2	30.18	9.56	23.29	7.40
20.3	20.4	30.29	9.49	23.39	10.93*
25.1	25.2	30.48	9.40	23.56	12.50
30.2	30.4	30.98	9.09	23.99	12.40
35.1	35.3	31.09	9.02	24.09	8.43*
40.1	40.3	31.19	8.96	24.17	6.80*
45.0	45.2	31.25	8.92	24.22	5.26*
50.0	50.3	31.28	8.90	24.25	4.08
60.2	60.5	31.50	8.77	24.44	10.77
70.1	70.4	31.71	8.64	24.63	3.76*
80.1	80.6	31.71	8.64	24.63	5.48
90.3	90.8	31.87	8.55	24.77	5.58
100.1	100.7	32.03	8.44	24.90	8.30
110.1	110.7	32.01	8.46	24.89	+
120.2	120.8	32.00	8.47	24.88	+
130.1	130.8	32.06	8.42	24.93	+

MAX DEPTH 131.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 7/10/76
 TIME (PST) 0734

TAPE CZ0/78/ 7-162
 LONG W123 11.86
 PASS NO. 57
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.04	9.69	23.16	3.82
2.2	2.2	30.06	9.67	23.18	4.80
5.1	5.1	30.12	9.62	23.24	9.53
10.0	10.1	30.28	9.53	23.38	9.89*
15.3	15.3	30.37	9.48	23.46	11.73*
20.1	20.2	30.80	9.21	23.83	9.38
25.2	25.3	30.97	9.10	23.98	9.10*
30.3	30.4	31.02	9.06	24.03	4.11*
35.2	35.4	31.03	9.06	24.03	4.10*
40.3	40.5	31.08	9.03	24.08	3.93*
45.1	45.3	31.10	9.02	24.09	2.63*
50.3	50.5	31.10	9.02	24.09	2.11
60.3	60.6	31.16	8.98	24.15	4.08*
70.2	70.6	31.21	8.95	24.19	4.42*
80.2	80.6	31.28	8.90	24.25	6.47
90.1	90.6	31.51	8.76	24.46	9.13*
100.1	100.6	31.71	8.64	24.63	6.46

MAX DEPTH 106.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.95
 DATE 7/10/76
 TIME (PST) 0744

TAPE CZ0/78/ 7-163
 LONG W123 11.04
 PASS NO. 59
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.82	9.79	22.98	1.86
2.3	2.3	29.87	9.77	23.02	8.27
5.2	5.2	29.99	9.70	23.13	8.07
10.0	10.0	30.05	9.67	23.18	7.02
15.2	15.3	30.11	9.64	23.23	6.15*
20.0	20.1	30.18	9.61	23.28	5.69*
25.2	25.2	30.17	9.61	23.28	6.45*
30.1	30.3	30.17	9.61	23.28	+
35.2	35.3	30.18	9.59	23.29	7.96*
40.2	40.4	30.32	9.52	23.41	9.69
45.2	45.4	30.53	9.39	23.59	9.22
50.4	50.6	30.81	9.22	23.84	9.21
60.2	60.5	31.05	9.06	24.05	9.30*
70.1	70.5	31.20	8.96	24.18	7.27
80.2	80.6	31.40	8.83	24.36	5.57*
90.1	90.5	31.51	8.76	24.45	6.73
100.2	100.7	31.61	8.70	24.54	4.21*
110.2	110.8	31.64	8.68	24.57	5.79
120.4	121.0	31.71	8.64	24.63	4.59*
130.2	130.9	31.76	8.61	24.67	3.09*
140.0	140.7	31.79	8.59	24.70	5.10*
150.1	150.9	31.88	8.54	24.77	2.80*
160.1	161.0	31.89	8.53	24.78	2.56*
170.2	171.1	31.90	8.53	24.79	3.10*
180.1	181.1	31.96	8.49	24.84	3.05*
190.3	191.3	31.95	8.50	24.84	3.23*
200.3	201.4	31.95	8.50	24.83	+

MAX DEPTH 207.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 29.24
 DATE 7/10/76
 TIME (PST) 0803

TAPE CZ0/78/ 7-164
 LONG W123 10.40
 PASS NO. 61
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.36	9.99	22.59	14.32
2.0	2.1	29.49	9.93	22.70	12.07
5.1	5.1	29.59	9.87	22.79	5.53
10.1	10.1	29.71	9.82	22.89	8.13
15.2	15.3	29.81	9.77	22.97	6.24*
20.1	20.2	29.87	9.74	23.03	7.69*
25.1	25.2	29.90	9.72	23.05	10.82*
30.1	30.2	30.20	9.58	23.31	12.73
35.1	35.3	30.56	9.38	23.62	15.31
40.2	40.3	30.65	9.31	23.70	6.76*
45.1	45.3	30.68	9.30	23.72	5.47*
50.1	50.3	30.75	9.25	23.79	9.35
60.1	60.3	31.27	8.91	24.24	8.41
70.1	70.5	31.40	8.84	24.35	4.42*
80.1	80.5	31.59	8.72	24.52	10.99
90.0	90.5	31.93	8.50	24.82	12.16*
100.2	100.8	31.94	8.49	24.83	+
110.1	110.7	31.95	8.49	24.83	1.74*
120.1	120.8	31.94	8.49	24.83	+
130.3	131.0	31.95	8.49	24.83	1.77*
140.1	140.9	31.96	8.48	24.85	1.90*
150.1	150.9	31.96	8.49	24.84	+
160.1	160.9	31.96	8.48	24.85	4.14*
170.1	171.0	32.17	8.34	25.03	6.49
180.0	181.1	32.29	8.27	25.13	4.48*

MAX DEPTH 185.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 29.46
 DATE 7/10/76
 TIME (PST) 0818

TAPE CZ0/78/ 7-165
 LONG W123 9.50
 PASS NO. 63
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.34	10.00	22.57	24.52
2.1	2.1	29.59	9.87	22.79	13.74
5.4	5.4	29.71	9.82	22.89	11.21
10.1	10.1	29.81	9.76	22.97	8.20
15.1	15.1	30.03	9.64	23.17	12.69
20.0	20.1	30.69	9.27	23.74	8.15*
25.2	25.3	30.74	9.25	23.78	7.25*
30.2	30.3	30.85	9.18	23.87	4.95
35.1	35.3	30.92	9.14	23.94	10.17
40.1	40.3	31.01	9.08	24.02	5.39*
45.2	45.4	31.02	9.08	24.02	4.30
50.3	50.5	31.08	9.04	24.08	8.17*
60.1	60.4	31.49	8.78	24.43	7.55
70.2	70.5	31.62	8.70	24.55	4.63*
80.1	80.5	31.70	8.65	24.62	5.29
90.2	90.7	31.74	8.63	24.65	2.89*
100.3	100.8	31.77	8.61	24.68	2.68*
110.1	110.6	31.79	8.60	24.70	2.55*
120.2	120.9	31.86	8.55	24.76	4.78*
130.0	130.7	31.91	8.52	24.80	3.45*
140.1	140.8	31.95	8.49	24.84	3.48*
150.1	150.9	31.99	8.46	24.87	3.56
160.2	161.1	32.02	8.44	24.90	3.12*
170.0	171.0	32.09	8.39	24.96	3.75*
180.1	181.1	32.09	8.40	24.96	1.55*
190.2	191.3	32.11	8.38	24.98	3.67
200.2	201.3	32.16	8.35	25.02	4.37*
210.1	211.2	32.21	8.32	25.06	4.65*
220.0	221.3	32.29	8.28	25.13	3.82*
230.1	231.4	32.31	8.26	25.15	4.43
240.2	241.6	32.37	8.23	25.20	3.83*
250.3	251.7	32.37	8.22	25.21	2.31*
260.1	261.6	32.40	8.21	25.23	

MAX DEPTH 262.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 7/10/76
 TIME (PST) 0834

TAPE CZ0/78/ 7-166
 LONG W123 8.86
 PASS NO. 65
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.69	9.80	22.88	17.17
2.3	2.3	29.90	9.72	23.05	9.10
5.0	5.0	29.93	9.70	23.08	14.20
10.2	10.3	30.33	9.50	23.42	13.46
15.3	15.4	30.57	9.34	23.63	6.46*
20.3	20.4	30.60	9.33	23.66	7.72
25.3	25.4	30.81	9.20	23.84	14.17
30.2	30.3	31.02	9.08	24.02	8.16
35.1	35.2	31.08	9.04	24.07	8.11
40.0	40.2	31.25	8.93	24.23	7.41*
45.1	45.3	31.26	8.92	24.23	5.90*
50.0	50.3	31.39	8.85	24.34	5.16
60.2	60.5	31.47	8.80	24.41	2.48*
70.2	70.6	31.48	8.79	24.43	1.53*
80.1	80.5	31.50	8.78	24.44	4.59
90.2	90.6	31.61	8.71	24.54	8.17*
100.1	100.6	31.88	8.54	24.78	7.67*
110.0	110.6	31.94	8.51	24.83	6.28*
120.0	120.7	32.00	8.47	24.88	5.82*
130.3	131.0	32.16	8.36	25.02	5.59
140.0	140.8	32.18	8.35	25.04	3.47
150.2	151.0	32.27	8.29	25.11	5.50
160.2	161.1	32.33	8.25	25.17	3.87*
170.0	171.0	32.35	8.23	25.19	1.09*
180.1	181.2	32.35	8.23	25.19	1.30*
190.0	191.1	32.36	8.23	25.19	2.90
200.1	201.2	32.37	8.22	25.21	+
210.1	211.3	32.41	8.19	25.24	+
220.0	221.3	32.41	8.19	25.24	.87*
230.4	231.7	32.41	8.19	25.24	+
240.2	241.6	32.41	8.19	25.24	+
250.1	251.5	32.42	8.19	25.25	.94*
260.1	261.6	32.42	8.19	25.25	.66*
270.1	271.7	32.42	8.19	25.25	1.43*
280.2	281.8	32.44	8.17	25.27	1.55*
290.1	291.8	32.45	8.17	25.27	1.27*
300.1	301.9	32.45	8.17	25.27	+
310.1	311.9	32.45	8.16	25.28	3.55
320.1	321.9	32.49	8.14	25.31	

MAX DEPTH 323.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 27.36
 DATE 7/10/76
 TIME (PST) 1014

TAPE CZ0/78/ 7-167
 LONG W123 15.61
 PASS NO. 67
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.57	10.63	21.88	3.73
2.1	2.1	28.61	10.55	21.92	9.93
5.1	5.2	28.71	10.44	22.01	9.57
10.0	10.0	28.78	10.41	22.07	5.27*
15.2	15.3	28.82	10.40	22.10	4.88*
20.0	20.1	28.82	10.39	22.11	7.19*
25.1	25.2	28.90	10.35	22.17	14.13
30.2	30.3	29.54	9.97	22.73	23.31
35.1	35.2	30.26	9.54	23.36	22.07
MAX DEPTH	39.1				

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 27.78

DATE 7/10/76

TIME (PST) 1021

TAPE CZ0/78/ 7-168

LONG W123 14.72

PASS NO. 69

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.66	10.60	21.95	15.85
2.0	2.0	28.65	10.59	21.94	4.52*
5.1	5.1	28.75	10.49	22.04	11.52
10.1	10.1	29.02	10.24	22.29	7.20
15.2	15.2	29.05	10.21	22.31	7.27*
20.1	20.2	29.17	10.15	22.42	10.73
25.3	25.4	29.41	9.99	22.63	9.99
30.0	30.1	29.47	9.95	22.68	6.95
35.0	35.2	30.13	9.58	23.25	20.57
40.2	40.3	30.67	9.26	23.72	7.41*

MAX DEPTH 40.4

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 28.02

DATE 7/10/76

TIME (PST) 1027

TAPE CZ0/78/ 7-169

LONG W123 13.86

PASS NO. 71

STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.04	10.27	22.29	8.12*
2.1	2.1	29.05	10.25	22.31	2.33*
5.1	5.1	29.16	10.16	22.41	6.08*
10.2	10.2	29.15	10.18	22.40	4.05*
15.4	15.4	29.21	10.11	22.46	2.01*
20.3	20.3	29.19	10.13	22.43	4.07*
25.0	25.1	29.21	10.11	22.45	6.35*
30.2	30.3	29.33	10.04	22.56	5.64*
35.4	35.5	29.30	10.06	22.53	4.78*
40.1	40.2	29.40	10.01	22.62	5.55
45.3	45.4	29.52	9.94	22.72	12.24
50.0	50.2	30.32	9.46	23.42	5.16

MAX DEPTH 50.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.25
 DATE 7/10/76
 TIME (PST) 1035

TAPE CZ0/78/ 7-170
 LONG W123 13.23
 PASS NO. 73
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.97	10.38	22.22	1.11
2.2	2.2	28.98	10.32	22.24	9.63
5.1	5.1	29.31	10.05	22.54	12.89
10.0	10.0	29.46	9.95	22.67	7.83*
15.2	15.2	29.47	9.94	22.69	4.48*
20.2	20.2	29.55	9.90	22.75	7.11*
25.2	25.2	29.65	9.86	22.83	9.23
30.1	30.2	29.88	9.73	23.03	9.15
35.1	35.3	29.95	9.68	23.09	9.83*
40.1	40.2	30.22	9.54	23.33	8.66
45.2	45.4	30.36	9.45	23.45	9.15
50.1	50.3	30.58	9.32	23.64	5.53
60.4	60.6	30.71	9.24	23.76	7.44*
70.0	70.3	30.95	9.10	23.97	4.48
80.1	80.5	31.08	9.03	24.08	9.46
90.2	90.6	31.43	8.82	24.38	6.11
100.1	100.6	31.62	8.71	24.54	6.44*

MAX DEPTH 108.9

CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.48
 DATE 7/10/76
 TIME (PST) 1044

TAPE CZ0/78/ 7-171
 LONG W123 12.43
 PASS NO. 75
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.07	10.25	22.33	20.85
2.0	2.1	29.14	10.19	22.38	18.97
5.3	5.3	29.49	9.93	22.70	14.27
10.2	10.2	29.62	9.86	22.81	5.18*
15.2	15.3	29.65	9.85	22.84	4.01*
20.2	20.3	29.71	9.82	22.89	7.36
25.1	25.2	29.83	9.76	22.99	10.28*
30.1	30.3	29.94	9.71	23.08	12.44*
35.0	35.2	30.29	9.50	23.39	12.19*
40.0	40.2	30.58	9.33	23.64	11.68
45.0	45.2	30.73	9.25	23.77	9.79
50.2	50.5	30.81	9.20	23.84	5.84*
60.2	60.5	31.00	9.08	24.01	10.36
70.1	70.4	31.13	9.00	24.12	4.64
80.2	80.6	31.25	8.93	24.22	4.65*
90.0	90.4	31.30	8.90	24.27	6.29
100.1	100.6	31.47	8.79	24.42	4.15
110.2	110.8	31.54	8.75	24.48	6.38
120.3	120.9	31.70	8.65	24.62	5.37*
130.1	130.8	31.79	8.59	24.70	5.54

MAX DEPTH 138.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.74
 DATE 7/10/76
 TIME (PST) 1054

TAPE CZ0/78/ 8- 1
 LONG W123 11.86
 PASS NO. 77
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.83	10.40	22.11	2.80
2.1	2.1	29.02	10.18	22.29	21.19
5.1	5.1	29.81	9.79	22.97	24.72*
10.0	10.0	29.79	9.78	22.96	4.36
15.2	15.2	29.82	9.76	22.99	6.55
20.2	20.3	29.86	9.75	23.02	4.84*
25.0	25.1	29.89	9.74	23.04	3.95*
30.1	30.3	29.96	9.70	23.10	15.12
35.1	35.2	30.28	9.54	23.37	7.42
40.2	40.4	30.53	9.37	23.60	13.50
45.2	45.4	30.87	9.17	23.89	10.83
50.2	50.4	30.96	9.11	23.97	4.32*
60.1	60.4	31.03	9.07	24.03	14.11
70.1	70.4	31.23	8.95	24.20	3.09*
80.0	80.4	31.37	8.86	24.33	6.80*
90.1	90.5	31.40	8.83	24.36	.61*
100.1	100.6	31.41	8.83	24.36	6.69
110.2	110.8	31.76	8.62	24.67	9.02

MAX DEPTH 114.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 7/10/76
 TIME (PST) 1104

TAPE CZ0/78/ 8- 2
 LONG W123 11.04
 PASS NO. 79
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	S-V
.0	.0	29.00	10.42	22.24	+
2.2	2.2	29.10	10.25	22.35	15.53
5.3	5.3	29.81	9.76	22.97	15.30
10.1	10.1	29.93	9.69	23.08	6.09
15.3	15.3	30.01	9.66	23.15	5.78
20.1	20.2	30.14	9.59	23.26	7.83
25.2	25.3	30.55	9.37	23.61	14.34
30.1	30.2	30.70	9.27	23.75	7.29*
35.1	35.3	30.81	9.20	23.84	7.81
40.2	40.4	30.91	9.14	23.93	7.96*
45.2	45.4	30.97	9.11	23.98	4.70*
50.1	50.3	30.99	9.09	23.99	6.68
60.2	60.5	31.15	8.99	24.14	3.17*
70.3	70.6	31.18	8.97	24.16	4.65
80.1	80.5	31.28	8.91	24.25	7.18
90.2	90.6	31.37	8.86	24.33	8.02
100.2	100.7	31.66	8.69	24.58	13.88
110.1	110.6	31.99	8.46	24.88	3.78*
120.0	120.7	32.03	8.44	24.91	3.10*
130.0	130.7	32.16	8.35	25.02	6.42
140.1	140.8	32.23	8.30	25.09	2.89*
150.1	150.9	32.29	8.27	25.13	4.17*
160.1	161.0	32.31	8.25	25.16	+
170.1	171.0	32.32	8.24	25.17	2.47*
180.2	181.2	32.34	8.23	25.18	2.31*
190.1	191.2	32.36	8.22	25.20	
200.1	201.2	32.37	8.21	25.21	

MAX DEPTH 201.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 29.24
 DATE 7/10/76
 TIME (PST) 1116

TAPE CZ0/78/ 8- 3
 LONG W123 10.40
 PASS NO. 81
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.37	10.38	21.76	4.79
2.2	2.2	29.09	10.24	22.34	18.88
5.4	5.4	29.86	9.75	23.02	19.93
10.0	10.1	30.03	9.63	23.17	5.01
15.0	15.1	30.09	9.60	23.22	6.76*
20.2	20.3	30.19	9.56	23.30	10.97
25.1	25.2	30.46	9.42	23.53	10.24
30.4	30.5	30.56	9.35	23.62	6.98
35.2	35.3	30.69	9.27	23.73	10.26
40.1	40.2	30.90	9.13	23.92	7.95
45.2	45.4	30.95	9.10	23.97	5.80
50.2	50.4	31.02	9.06	24.03	4.88
60.2	60.5	31.15	8.98	24.14	9.71
70.2	70.5	31.43	8.81	24.39	8.20*
80.2	80.6	31.62	8.70	24.54	6.91
90.0	90.5	31.76	8.61	24.67	4.79
100.0	100.5	31.95	8.49	24.84	6.91*
110.0	110.6	32.02	8.44	24.90	4.86*
120.1	120.8	32.10	8.39	24.97	3.89*
130.2	130.9	32.11	8.38	24.98	1.72*
140.2	141.0	32.13	8.37	24.99	3.28
150.1	151.0	32.17	8.34	25.03	2.77*
160.1	161.0	32.20	8.33	25.05	2.96*
170.1	171.0	32.26	8.28	25.11	5.26*
180.0	181.0	32.32	8.25	25.16	3.65*
190.1	191.2	32.37	8.21	25.20	5.20*
200.3	201.4	32.42	8.17	25.25	4.11

MAX DEPTH 206.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 29.46
 DATE 7/10/76
 TIME (PST) 1129

TAPE CZ0/78/ 8- 4
 LONG W123 9.50
 PASS NO. 83
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.12	10.31	22.35	7.60
2.2	2.2	29.31	10.10	22.54	15.06
5.3	5.3	30.00	9.66	23.14	22.88
10.4	10.4	30.09	9.60	23.22	6.27
15.2	15.3	30.32	9.47	23.42	11.41
20.4	20.5	30.58	9.32	23.64	9.75*
25.0	25.1	30.59	9.31	23.65	2.08*
30.2	30.3	30.59	9.31	23.65	2.59*
35.2	35.3	30.61	9.30	23.67	3.87*
40.3	40.5	30.64	9.28	23.69	6.43*
45.2	45.4	30.79	9.19	23.82	8.20
50.1	50.3	30.88	9.14	23.91	7.65
60.1	60.4	31.27	8.92	24.24	9.31*
70.1	70.5	31.55	8.74	24.49	4.27*
80.2	80.6	31.60	8.71	24.53	5.06
90.2	90.7	31.70	8.66	24.62	7.17
100.0	100.6	31.92	8.51	24.81	6.87
110.0	110.6	32.06	8.42	24.93	5.85
120.2	120.8	32.21	8.32	25.07	4.08*
130.3	131.0	32.24	8.29	25.09	2.87*
140.1	140.9	32.29	8.26	25.13	4.16*
150.1	151.0	32.32	8.24	25.16	1.51*
160.0	160.9	32.32	8.24	25.16	1.92*
170.1	171.0	32.34	8.23	25.18	1.77*
180.1	181.2	32.35	8.21	25.19	2.58*
190.1	191.2	32.49	8.11	25.31	7.64*
200.1	201.2	32.49	8.11	25.31	4.54
210.1	211.4	32.49	8.10	25.32	+
220.2	221.5	32.55	8.06	25.37	4.76
230.1	231.5	32.58	8.04	25.40	+
240.0	241.4	32.51	8.10	25.33	+
250.1	251.6	32.59	8.04	25.40	9.11
260.3	261.8	32.76	7.92	25.55	3.92*
270.0	271.7	32.76	7.91	25.56	

MAX DEPTH 273.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 7/10/76
 TIME (PST) 1146

TAPE CZ0/78/ 8- 5
 LONG W123 8.86
 PASS NO. 85
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.37	10.23	22.56	14.47
2.3	2.3	29.61	9.90	22.80	17.85
5.0	5.0	30.19	9.56	23.30	15.04
10.2	10.3	30.50	9.39	23.57	14.14
15.3	15.4	30.58	9.33	23.64	4.24
20.0	20.1	30.63	9.31	23.68	10.64
25.2	25.3	31.15	9.00	24.13	10.15
30.1	30.2	31.21	8.96	24.19	6.54*
35.2	35.4	31.23	8.94	24.21	3.49*
40.1	40.3	31.25	8.93	24.23	8.44
45.2	45.4	31.44	8.82	24.39	7.88
50.2	50.5	31.57	8.74	24.50	8.26
60.0	60.3	31.63	8.69	24.56	5.59
70.1	70.5	31.75	8.62	24.67	4.05*
80.2	80.6	31.79	8.59	24.70	3.08
90.1	90.6	31.85	8.56	24.75	5.41*
100.0	100.5	31.93	8.51	24.82	4.56*
110.0	110.6	31.99	8.46	24.88	7.74
120.1	120.7	32.06	8.42	24.94	3.75*
130.0	130.7	32.16	8.35	25.02	6.11*
140.1	140.9	32.25	8.29	25.10	4.32*
150.2	151.1	32.25	8.29	25.10	1.24*
160.1	161.0	32.26	8.29	25.11	3.42
170.2	171.2	32.27	8.28	25.12	.54*
180.2	181.2	32.26	8.29	25.11	+
190.1	191.1	32.26	8.29	25.11	+
200.2	201.3	32.26	8.29	25.11	+
210.2	211.3	32.27	8.28	25.12	2.91
220.2	221.4	32.29	8.27	25.14	5.41
230.3	231.6	32.27	8.28	25.12	+
240.2	241.6	32.31	8.25	25.15	3.93*
250.1	251.6	32.34	8.23	25.18	3.14
260.2	261.7	32.33	8.24	25.17	+
270.2	271.8	32.40	8.19	25.23	4.81
280.0	281.7	32.47	8.14	25.29	4.73*
290.0	291.7	32.60	8.05	25.41	9.50
300.1	301.9	32.78	7.94	25.56	3.93*
310.3	312.2	32.78	7.94	25.57	

MAX DEPTH 315.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 27.36
 DATE 7/10/76
 TIME (PST) 1315

TAPE CZ0/78/ 8- 6
 LONG W123 15.61
 PASS NO. 87
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.64	10.73	21.91	6.93
2.1	2.1	28.75	10.60	22.02	9.55
5.1	5.1	28.85	10.44	22.12	9.80*
10.0	10.0	28.96	10.40	22.22	7.68
15.3	15.3	29.16	10.24	22.40	11.03
20.3	20.3	29.20	10.19	22.43	4.55*
25.2	25.3	29.22	10.17	22.46	4.92*
30.0	30.1	29.26	10.13	22.49	7.28*
35.1	35.2	29.31	10.09	22.54	3.49*
MAX DEPTH	39.0				

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 27.78

DATE 7/10/76

TIME (PST) 1322

TAPE CZ0/78/ 8- 7

LONG W123 14.72

PASS NO. 89

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	29.23	10.28	22.44	71.96
2.2	2.2	29.37	10.13	22.57	31.41
5.2	5.2	29.44	10.09	22.63	4.86
10.0	10.1	29.43	10.10	22.62	7.13*
15.3	15.4	29.59	10.01	22.77	5.93
20.5	20.5	29.64	10.00	22.80	8.51
25.4	25.5	30.00	9.76	23.12	6.23
30.4	30.5	30.04	9.73	23.16	3.74*
35.3	35.4	30.05	9.72	23.17	3.49*
40.1	40.3	30.04	9.74	23.15	

MAX DEPTH 41.8

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 28.02

DATE 7/10/76

TIME (PST) 1329

TAPE CZ0/78/ 8- 8

LONG W123 13.86

PASS NO. 91

STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.23	10.22	22.45	4.06*
2.1	2.1	29.22	10.24	22.44	1.98*
5.2	5.2	29.27	10.18	22.49	5.24*
10.4	10.4	29.37	10.13	22.58	6.42*
15.1	15.1	29.39	10.11	22.59	7.60*
20.1	20.1	29.53	10.05	22.71	12.63
25.1	25.2	29.70	9.94	22.86	9.64
30.0	30.1	29.75	9.92	22.90	8.21*
35.3	35.4	29.96	9.77	23.09	12.78
40.1	40.3	30.27	9.56	23.36	19.82
45.0	45.2	30.86	9.17	23.88	14.12

MAX DEPTH 48.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.25
 DATE 7/10/76
 TIME (PST) 1336

TAPE CZ0/78/ 8- 9
 LONG W123 13.23
 PASS NO. 93
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.05	10.43	22.28	4.72
2.1	2.1	29.13	10.34	22.35	7.98
5.1	5.1	29.29	10.16	22.51	11.14
10.0	10.1	29.36	10.11	22.57	5.97*
15.2	15.2	29.39	10.07	22.60	5.98
20.0	20.1	29.44	10.01	22.65	6.91*
25.0	25.1	29.52	9.94	22.72	6.65
30.1	30.2	29.62	9.87	22.81	6.10
35.0	35.1	29.79	9.78	22.95	4.98
40.4	40.5	29.87	9.73	23.03	10.05*
45.1	45.3	30.18	9.55	23.29	13.99
50.2	50.4	30.53	9.34	23.60	9.49
60.1	60.4	30.86	9.15	23.89	8.18*
70.3	70.6	30.92	9.12	23.94	4.35*
80.3	80.6	30.97	9.09	23.98	3.71
90.3	90.7	31.26	8.92	24.23	11.21*
100.1	100.6	31.56	8.74	24.50	7.44*
110.1	110.6	31.69	8.65	24.61	5.14*
120.2	120.8	31.79	8.59	24.69	5.59*
130.1	130.8	31.83	8.57	24.73	+

MAX DEPTH 131.3

CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.48
 DATE 7/10/76
 TIME (PST) 1344

TAPE CZ0/78/ 8- 10
 LONG W123 12.43
 PASS NO. 95
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.13	10.41	22.34	13.69
2.2	2.2	29.25	10.25	22.46	9.69
5.3	5.3	29.34	10.14	22.55	6.77*
10.1	10.2	29.40	10.08	22.60	5.75
15.0	15.1	29.43	10.05	22.63	8.54
20.1	20.2	29.56	9.93	22.76	8.56
25.2	25.2	29.65	9.86	22.83	5.30
30.2	30.3	29.69	9.83	22.87	5.36
35.1	35.2	29.74	9.81	22.91	6.89
40.2	40.4	30.24	9.51	23.35	12.53
45.2	45.4	30.65	9.28	23.70	6.22
50.2	50.4	30.67	9.27	23.72	3.73*
60.2	60.5	30.71	9.25	23.76	3.32*
70.2	70.5	30.76	9.22	23.80	6.27*
80.2	80.6	30.99	9.09	24.00	5.90
90.1	90.5	31.14	9.00	24.13	6.17
100.2	100.7	31.21	8.95	24.19	4.91*
110.1	110.6	31.31	8.90	24.27	5.14
120.3	120.9	31.69	8.67	24.60	12.16
130.2	130.9	32.17	8.34	25.03	+

MAX DEPTH 133.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 28.74
 DATE 7/10/76
 TIME (PST) 1353

TAPE CZ0/78/ 8- 11
 LONG W123 11.86
 PASS NO. 97
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.20	10.39	22.40	4.02
2.0	2.0	29.28	10.24	22.49	9.22
5.3	5.3	29.54	9.97	22.73	13.91
10.2	10.2	29.61	9.91	22.80	5.90*
15.1	15.1	29.66	9.87	22.84	5.61
20.2	20.3	29.74	9.81	22.91	5.27
25.3	25.4	29.82	9.76	22.98	7.58
30.2	30.3	29.89	9.71	23.05	10.01*
35.3	35.4	30.14	9.57	23.26	7.38*
40.3	40.4	30.14	9.57	23.26	3.27*
45.0	45.2	30.15	9.57	23.27	11.78
50.2	50.4	30.49	9.38	23.57	8.92
60.1	60.4	30.77	9.22	23.80	8.73
70.2	70.5	30.95	9.12	23.96	7.13*
80.2	80.5	31.10	9.02	24.10	5.48
90.3	90.7	31.23	8.94	24.21	11.09*
100.4	100.9	31.98	8.47	24.86	6.69
110.1	110.7	32.05	8.41	24.93	3.24*
120.3	120.9	32.07	8.40	24.95	9.41
130.1	130.8	32.28	8.27	25.13	11.34*

MAX DEPTH 134.4

COASTAL ZONE OCLANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 7/10/76
 TIME (PST) 1402

TAPE CZ0/78/ 8- 12
 LONG W123 11.04
 PASS NO. 99
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.30	10.29	22.49	16.84
2.1	2.1	29.43	10.17	22.62	11.09
5.1	5.1	29.54	10.05	22.72	10.71
10.3	10.3	29.81	9.78	22.97	9.75
15.4	15.4	29.88	9.73	23.04	5.32*
20.2	20.3	29.89	9.72	23.05	3.24*
25.1	25.2	29.94	9.70	23.09	3.44*
30.1	30.2	29.95	9.68	23.10	4.15*
35.2	35.3	30.00	9.66	23.14	7.65*
40.2	40.3	30.24	9.52	23.35	11.16
45.1	45.3	30.40	9.45	23.48	14.71
50.3	50.5	30.73	9.25	23.77	9.54
60.3	60.6	30.82	9.19	23.85	5.69
70.4	70.7	31.06	9.05	24.06	7.85
80.1	80.5	31.07	9.05	24.07	+
90.1	90.6	31.38	8.84	24.34	10.29
100.1	100.6	31.65	8.67	24.58	7.94
110.0	110.6	31.70	8.64	24.62	4.90
120.3	120.9	31.78	8.60	24.68	4.19*
130.2	130.8	31.81	8.59	24.71	5.19*
140.0	140.8	31.88	8.53	24.78	4.55
150.0	150.9	32.16	8.34	25.02	4.45
160.2	161.1	32.14	8.35	25.01	+
170.0	171.0	32.16	8.34	25.03	1.43*
180.2	181.1	32.15	8.34	25.02	.57*
190.2	191.3	32.18	8.33	25.04	2.63*
200.2	201.3	32.23	8.30	25.08	+
210.1	211.2	32.26	8.29	25.11	2.49

MAX DEPTH 218.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 7/10/76
 TIME (PST) 1414

TAPE CZ0/78/ 8- 13
 LONG W123 10.40
 PASS NO.101
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.68	9.97	22.84	.23
2.2	2.2	29.72	9.91	22.88	8.12
5.1	5.1	29.86	9.78	23.01	13.52
10.2	10.2	30.04	9.65	23.17	8.09
15.1	15.1	30.09	9.62	23.21	7.35*
20.3	20.4	30.10	9.61	23.22	5.34
25.2	25.3	30.36	9.47	23.45	9.57
30.1	30.2	30.51	9.38	23.58	5.98
35.1	35.2	30.53	9.37	23.59	4.71*
40.4	40.5	30.59	9.34	23.65	4.77
45.2	45.4	30.60	9.33	23.66	4.57*
50.2	50.4	30.65	9.30	23.70	5.28
60.3	60.6	30.87	9.16	23.89	6.75
70.0	70.3	31.05	9.05	24.05	7.47
80.4	80.8	31.13	9.00	24.12	4.19*
90.2	90.6	31.27	8.92	24.24	4.36*
100.1	100.5	31.29	8.90	24.26	3.95*
110.2	110.7	31.34	8.87	24.31	5.17*
120.2	120.8	31.45	8.81	24.40	6.60*
130.0	130.7	31.55	8.74	24.48	5.44
140.3	141.0	31.70	8.65	24.61	6.65
150.1	150.9	31.80	8.59	24.71	4.60*
160.2	161.0	31.84	8.56	24.74	4.10
170.2	171.1	31.90	8.53	24.79	5.36*
180.0	181.0	32.09	8.40	24.96	7.98
190.1	191.2	32.17	8.34	25.03	+
200.1	201.2	32.22	8.32	25.07	+
210.2	211.4	32.36	8.22	25.20	+
220.0	221.3	32.60	8.02	25.41	10.86*
230.2	231.5	32.68	7.99	25.48	+

MAX DEPTH 235.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 29.46
 DATE 7/10/76
 TIME (PST) 1426

TAPE CZ0/78/ 8- 14
 LONG W123 9.50
 PASS NO.103
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.27	10.41	22.45	+
2.2	2.2	29.39	10.23	22.57	16.37
5.3	5.3	30.01	9.68	23.15	12.47
10.2	10.3	30.05	9.64	23.18	4.43
15.4	15.4	30.11	9.61	23.23	9.17
20.2	20.3	30.13	9.59	23.25	4.40*
25.1	25.2	30.15	9.58	23.27	7.14
30.0	30.2	30.54	9.39	23.60	15.08
35.0	35.2	30.81	9.20	23.84	7.82*
40.1	40.3	30.82	9.20	23.84	7.18
45.2	45.4	30.88	9.16	23.90	6.65*
50.2	50.5	30.90	9.14	23.92	3.77*
60.4	60.7	30.94	9.12	23.95	2.64*
70.2	70.6	30.99	9.09	24.00	4.39*
80.3	80.7	31.08	9.03	24.08	5.20*
90.2	90.6	31.10	9.02	24.09	2.68*
100.0	100.5	31.15	9.00	24.13	4.80
110.2	110.7	31.28	8.91	24.25	5.92*
120.1	120.7	31.39	8.85	24.34	6.97
130.2	130.8	31.58	8.73	24.52	3.84*
140.2	141.0	31.62	8.70	24.55	5.83*
150.3	151.1	31.70	8.66	24.62	4.53*
160.1	160.9	31.77	8.61	24.68	4.30
170.0	170.9	31.82	8.58	24.72	6.89
180.2	181.1	32.09	8.39	24.96	7.25*
190.1	191.2	32.27	8.27	25.12	5.43*
200.2	201.3	32.39	8.19	25.22	7.84
210.4	211.6	32.46	8.14	25.28	4.36
220.4	221.7	32.46	8.14	25.29	+
230.1	231.4	32.45	8.15	25.28	2.20
240.3	241.7	32.50	8.12	25.32	5.35
250.3	251.7	32.53	8.10	25.34	+
260.2	261.8	32.76	7.94	25.55	+

MAX DEPTH 261.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 7/10/76
 TIME (PST) 1441

TAPE CZ0/78/ 8- 15
 LONG W123 8.86
 PASS NO.105
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
2.0	2.0	30.20	9.67	23.29	9.12
2.0	2.0	30.23	9.62	23.32	9.72
5.1	5.1	30.33	9.51	23.42	9.41
10.2	10.3	30.36	9.49	23.45	5.69*
15.2	15.2	30.40	9.46	23.48	6.35
20.1	20.2	30.48	9.40	23.56	8.20
25.1	25.2	30.59	9.34	23.65	5.52
30.2	30.4	30.73	9.25	23.77	10.59*
35.4	35.6	30.77	9.23	23.80	4.77*
40.2	40.4	30.80	9.21	23.83	6.79*
45.0	45.2	30.89	9.17	23.91	9.32
50.1	50.3	31.20	8.97	24.18	14.55
60.1	60.4	31.30	8.90	24.27	5.12*
70.1	70.5	31.35	8.86	24.32	2.49*
80.0	80.4	31.37	8.85	24.33	1.84*
90.3	90.8	31.38	8.85	24.33	1.82*
100.2	100.7	31.37	8.86	24.33	+
110.1	110.7	31.38	8.85	24.34	2.17*
120.2	120.7	31.41	8.84	24.36	3.88*
130.1	130.7	31.45	8.81	24.40	3.09*
140.1	140.8	31.60	8.72	24.53	4.85*
150.0	150.8	31.64	8.69	24.56	2.32*
160.2	161.0	31.66	8.68	24.58	4.65*
170.1	171.0	31.78	8.61	24.68	12.03
180.3	181.2	31.85	8.55	24.75	6.97*
190.2	191.2	31.99	8.45	24.88	8.01*
200.1	201.2	32.18	8.34	25.04	7.91
210.1	211.3	32.16	8.35	25.03	5.56*
220.1	221.4	32.45	8.16	25.27	9.74*
230.1	231.5	32.45	8.17	25.28	+
240.2	241.6	32.50	8.13	25.32	3.40*
250.4	251.9	32.50	8.13	25.32	+
260.2	261.7	32.51	8.13	25.33	+
270.2	271.8	32.61	8.07	25.42	+
280.3	282.0	32.63	8.05	25.44	.94*
290.2	291.9	32.62	8.06	25.43	.81*
300.3	302.0	32.62	8.06	25.42	+

MAX DEPTH 301.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAWO STRAIT 1976
 LAT N48 27.36
 DATE 7/10/76
 TIME (PST) 1529

TAPE CZ0/78/ 8- 16
 LONG W123 15.61
 PASS NO.107
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.87	10.77	22.09	13.83
2.2	2.2	28.92	10.53	22.16	11.84
5.2	5.2	29.13	10.26	22.37	5.42
10.3	10.3	29.21	10.22	22.44	7.96
15.2	15.3	29.35	10.11	22.57	4.67
20.2	20.3	29.48	10.07	22.67	7.37
25.2	25.3	29.65	9.95	22.82	7.82
30.2	30.3	29.72	9.90	22.88	6.46
35.3	35.4	29.78	9.86	22.93	8.73
40.1	40.2	29.90	9.76	23.05	+
MAX DEPTH	42.0				

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 HARG STRAIT 1976

LAT N48 27.76

DATE 7/10/76

TIME (PST) 1534

TAPE CZ0/78/ 8- 17

LONG W123 14.72

PASS NO.109

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.99	10.52	22.22	73.21
2.0	2.0	29.00	10.49	22.23	32.10
5.1	5.1	29.13	10.37	22.35	7.92
10.0	10.1	29.18	10.31	22.40	6.69*
15.0	15.1	29.22	10.25	22.44	6.82*
20.2	20.2	29.37	10.10	22.58	5.89*
25.0	25.1	29.37	10.10	22.58	6.31
30.1	30.2	29.55	10.01	22.73	9.48
35.0	35.1	29.71	9.93	22.87	12.57
40.0	40.2	30.19	9.69	23.28	7.53*

MAX DEPTH 41.6

CRUISE NO. 5 HARG STRAIT 1976

LAT N48 28.02

DATE 7/10/76

TIME (PST) 1541

TAPE CZ0/78/ 8- 18

LONG W123 13.86

PASS NO.111

STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.33	10.29	22.52	52.97
2.2	2.2	29.34	10.23	22.54	25.56
5.1	5.1	29.42	10.10	22.62	17.85
10.1	10.2	29.63	9.94	22.81	5.84
15.2	15.3	29.71	9.91	22.87	7.08*
20.0	20.1	29.85	9.88	22.99	10.99
25.2	25.2	30.15	9.67	23.26	6.95
30.3	30.4	30.21	9.59	23.32	7.77*
35.3	35.5	30.23	9.56	23.34	7.17
40.0	40.2	30.51	9.37	23.58	9.73
45.1	45.4	31.33	8.88	24.29	16.86
50.0	50.3	31.53	8.75	24.47	6.62*

MAX DEPTH 51.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 28.25

DATE 7/10/76

TIME (PST) 1546

TAPE CZ0/78/ 8- 19

LONG W123 13.23

PASS NO.113

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.38	10.30	22.56	4.67
2.1	2.1	29.34	10.24	22.54	6.61
5.2	5.2	29.40	10.14	22.60	7.14*
10.2	10.3	29.43	10.03	22.64	6.71
15.0	15.1	29.57	9.91	22.76	10.35
20.3	20.4	29.89	9.71	23.04	10.35
25.2	25.3	30.17	9.56	23.28	11.10
30.2	30.3	30.24	9.51	23.35	7.49
35.1	35.2	30.37	9.43	23.46	10.59
40.1	40.3	30.64	9.29	23.69	10.58
45.2	45.4	30.90	9.13	23.92	15.02
50.3	50.6	31.18	8.97	24.17	8.76
60.2	60.5	31.40	8.83	24.36	5.73*
70.0	70.4	31.49	8.73	24.43	6.58
80.1	80.6	31.72	8.64	24.63	10.00

MAX DEPTH 89.5

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 28.48

DATE 7/10/76

TIME (PST) 1553

TAPE CZ0/78/ 8- 20

LONG W123 12.43

PASS NO.115

STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.56	10.12	22.72	11.70
2.1	2.1	29.65	9.96	22.82	13.68
5.1	5.1	29.79	9.81	22.95	8.77
10.1	10.1	29.89	9.74	23.04	5.83
15.2	15.2	29.99	9.69	23.13	8.14
20.0	20.1	30.09	9.63	23.21	7.41*
25.1	25.2	30.18	9.57	23.29	6.49*
30.0	30.1	30.22	9.54	23.33	5.51*
35.1	35.3	30.28	9.50	23.38	5.14
40.2	40.4	30.36	9.46	23.45	6.32*
45.0	45.2	30.47	9.39	23.55	7.70
50.1	50.3	30.61	9.30	23.67	9.50
60.0	60.3	30.97	9.10	23.98	7.23
70.1	70.4	31.17	8.97	24.16	9.68
80.2	80.6	31.43	8.81	24.38	10.48
90.0	90.5	31.73	8.61	24.65	4.52*
100.1	100.7	31.85	8.54	24.75	5.50*
110.3	110.9	31.95	8.48	24.84	5.03*
120.1	120.7	32.21	8.31	25.07	5.08
130.3	131.0	32.29	8.26	25.14	1.19*

MAX DEPTH 138.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 7/10/76
 TIME (PST) 1602

TAPE CZ0/78/ 8- 21
 LONG W123 11.86
 PASS NO. 117
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	29.82	9.82	22.97	9.25*
2.2	2.2	29.88	9.78	23.02	7.24*
5.1	5.1	29.86	9.77	23.01	4.24*
10.2	10.2	29.89	9.79	23.03	3.11
15.2	15.3	29.95	9.80	23.08	13.58
20.1	20.2	30.08	9.72	23.19	7.15*
25.2	25.2	30.14	9.68	23.25	7.26
30.2	30.3	30.27	9.60	23.36	10.21
35.1	35.3	30.48	9.45	23.55	12.03
40.2	40.4	30.52	9.41	23.58	6.43*
45.2	45.4	30.65	9.37	23.69	8.26
50.2	50.5	30.83	9.20	23.85	7.30*
60.1	60.3	30.89	9.16	23.91	6.04*
70.4	70.7	31.19	8.97	24.17	13.08
80.1	80.5	31.61	8.71	24.54	9.13*
90.2	90.6	31.75	8.60	24.67	1.17*
100.2	100.7	31.77	8.59	24.68	1.09*
110.0	110.6	31.75	8.60	24.67	3.35*
120.2	120.8	31.76	8.60	24.67	+
130.1	130.8	31.99	8.46	24.87	+

MAX DEPTH 134.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 HARO STRAIT 1976

LAT N48 28.95

DATE 7/10/76

TIME (PST) 1611

TAPE CZ0/78/ 8- 22

LONG W123 11.04

PASS NO.119

STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	30.02	9.88	23.12	2.40
2.2	2.2	30.02	9.86	23.13	2.32*
5.1	5.1	30.07	9.76	23.18	5.94
10.3	10.4	30.19	9.62	23.30	9.48
15.0	15.1	30.31	9.52	23.40	5.80
20.2	20.3	30.50	9.39	23.57	11.29
25.1	25.2	30.66	9.29	23.71	7.46*
30.1	30.2	30.70	9.27	23.74	4.72
35.1	35.3	30.73	9.25	23.77	4.10
40.2	40.4	30.75	9.24	23.79	3.01*
45.1	45.3	30.78	9.23	23.81	3.33*
50.1	50.3	30.80	9.22	23.83	3.11*
60.2	60.4	30.82	9.21	23.85	2.50*
70.3	70.6	30.93	9.15	23.94	8.60*
80.1	80.5	31.18	8.98	24.16	6.76
90.1	90.6	31.28	8.91	24.25	6.58*
100.2	100.7	31.49	8.77	24.43	9.09
110.1	110.6	31.57	8.70	24.51	1.59*
120.2	120.8	31.60	8.68	24.53	6.05
130.1	130.8	31.72	8.61	24.64	4.29*
140.3	141.0	31.72	8.62	24.64	+
150.3	151.1	31.84	8.54	24.74	5.80
160.2	161.1	31.90	8.51	24.79	+
170.1	171.0	31.91	8.50	24.80	4.00
180.0	181.0	31.93	8.49	24.82	4.05*
190.3	191.3	32.00	8.45	24.88	5.64*
200.2	201.3	32.07	8.40	24.94	5.22*
210.2	211.4	32.28	8.26	25.13	7.93

MAX DEPTH 210.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 7/10/76
 TIME (PST) 1623

TAPE CZ0/78/ 8- 23
 LONG W123 10.40
 PASS NO.121
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.05	9.92	23.14	20.54
2.1	2.1	30.16	9.69	23.26	12.98
5.1	5.1	30.24	9.64	23.33	8.11*
10.0	10.1	30.31	9.58	23.39	6.78
15.2	15.2	30.38	9.52	23.46	8.68
20.0	20.1	30.48	9.43	23.55	10.63
25.1	25.2	30.80	9.22	23.83	11.21*
30.2	30.4	30.86	9.19	23.88	6.95
35.2	35.4	30.93	9.13	23.94	4.33*
40.2	40.4	30.92	9.14	23.94	3.36
45.2	45.4	30.97	9.11	23.98	7.42
50.0	50.2	31.06	9.05	24.06	9.68*
60.0	60.3	31.16	8.99	24.14	7.61
70.1	70.4	31.36	8.86	24.32	8.10*
80.2	80.6	31.50	8.77	24.45	+
90.2	90.6	31.50	8.78	24.44	1.24*
100.3	100.8	31.49	8.78	24.44	1.04*
110.2	110.8	31.53	8.76	24.47	3.57*
120.0	120.6	31.54	8.75	24.48	3.33
130.2	130.8	31.69	8.66	24.61	7.54*
140.1	140.8	31.90	8.52	24.79	4.87*
150.3	151.1	31.95	8.48	24.84	2.11*
160.0	160.9	32.00	8.45	24.88	4.10*
170.1	171.0	32.06	8.41	24.94	4.37*
180.1	181.1	32.12	8.36	24.99	6.43*
190.3	191.3	32.33	8.21	25.18	5.66*
200.2	201.4	32.36	8.20	25.20	1.82*
210.3	211.5	32.39	8.18	25.22	7.36
220.2	221.5	32.41	8.17	25.24	+
230.1	231.4	32.41	8.16	25.24	4.39*

MAX DEPTH 233.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HARO STRAIT 1976
 LAT N48 29.46
 DATE 7/10/76
 TIME (PST) 1633

TAPE CZ0/78/ 8- 24
 LONG W123 9.50
 PASS NO.123
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.84	9.92	22.97	39.34
2.1	2.1	29.98	9.89	23.09	19.43
5.2	5.2	30.07	9.74	23.18	6.86
10.2	10.3	30.13	9.67	23.24	6.94*
15.1	15.2	30.22	9.60	23.32	8.16*
20.0	20.1	30.25	9.59	23.34	9.67*
25.1	25.2	30.48	9.44	23.55	12.57
30.3	30.4	30.72	9.27	23.76	13.94
35.3	35.4	30.94	9.12	23.96	6.45
40.0	40.2	30.97	9.11	23.98	4.71*
45.2	45.4	31.01	9.08	24.02	4.46*
50.2	50.4	31.08	9.03	24.07	4.58*
60.1	60.4	31.24	8.94	24.21	8.51*
70.1	70.4	31.34	8.87	24.30	3.66*
80.2	80.6	31.39	8.84	24.35	3.45*
90.1	90.5	31.41	8.83	24.36	2.27*
100.2	100.7	31.43	8.82	24.38	1.92*
110.0	110.6	31.44	8.81	24.39	3.06*
120.3	120.9	31.52	8.76	24.46	4.43*
130.3	131.0	31.55	8.74	24.49	5.23*
140.3	141.0	31.69	8.66	24.61	6.26*
150.2	151.0	31.74	8.62	24.65	5.82
160.1	160.9	31.88	8.54	24.77	11.37
170.3	171.3	32.24	8.30	25.09	7.90
180.0	181.1	32.41	8.18	25.24	6.64*
190.3	191.4	32.42	8.18	25.25	+
200.0	201.2	32.42	8.17	25.25	1.82*
210.1	211.3	32.44	8.16	25.27	2.50*
220.4	221.7	32.46	8.15	25.29	.81*
230.0	231.4	32.47	8.14	25.30	2.95*
240.3	241.7	32.48	8.13	25.30	3.15*
250.2	251.6	32.48	8.13	25.31	+

MAX DEPTH 258.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 7/10/76
 TIME (PST) 1647

TAPE CZ0/78/ 8- 25
 LONG W123 8.86
 PASS NO.125
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.77	9.69	22.95	30.56
2.2	2.2	30.16	9.66	23.26	16.57
5.0	5.0	30.24	9.62	23.33	16.11
10.2	10.2	30.73	9.28	23.77	7.58*
15.2	15.3	30.75	9.25	23.79	4.54*
20.1	20.2	30.80	9.22	23.83	3.83*
25.2	25.3	30.82	9.21	23.84	3.17*
30.2	30.3	30.85	9.19	23.88	5.11*
35.0	35.2	30.98	9.10	23.99	7.14*
40.0	40.2	31.01	9.09	24.01	5.06*
45.3	45.5	31.03	9.08	24.03	2.96*
50.0	50.3	31.03	9.08	24.03	4.83
60.2	60.5	31.14	9.00	24.13	4.96*
70.0	70.4	31.17	8.98	24.16	2.65*
80.4	80.8	31.20	8.96	24.18	4.30
90.2	90.6	31.30	8.91	24.26	6.52*
100.1	100.6	31.30	8.90	24.27	4.11*
110.0	110.6	31.40	8.84	24.36	5.24*
120.0	120.6	31.39	8.85	24.35	+
130.1	130.7	31.44	8.82	24.39	4.68*
140.1	140.8	31.50	8.79	24.44	4.47*
150.0	150.8	31.61	8.71	24.54	6.66
160.2	161.0	31.71	8.65	24.63	12.04*
170.3	171.3	32.23	8.31	25.08	13.86
180.2	181.2	32.34	8.23	25.18	4.36*
190.3	191.4	32.35	8.23	25.19	3.11*
200.2	201.4	32.45	8.16	25.28	4.49
210.1	211.4	32.43	8.18	25.25	+
220.5	221.7	32.38	8.21	25.21	+
230.2	231.5	32.36	8.23	25.20	3.46
240.1	241.5	32.39	8.21	25.22	3.25*
250.1	251.6	32.47	8.15	25.30	4.40*
260.2	261.7	32.50	8.14	25.31	4.56*
270.2	271.8	32.54	8.10	25.36	3.44*
280.1	281.7	32.54	8.10	25.35	+
290.1	291.8	32.54	8.10	25.36	+
300.0	301.8	32.55	8.10	25.36	3.93*

MAX DEPTH 303.7

FIGURES

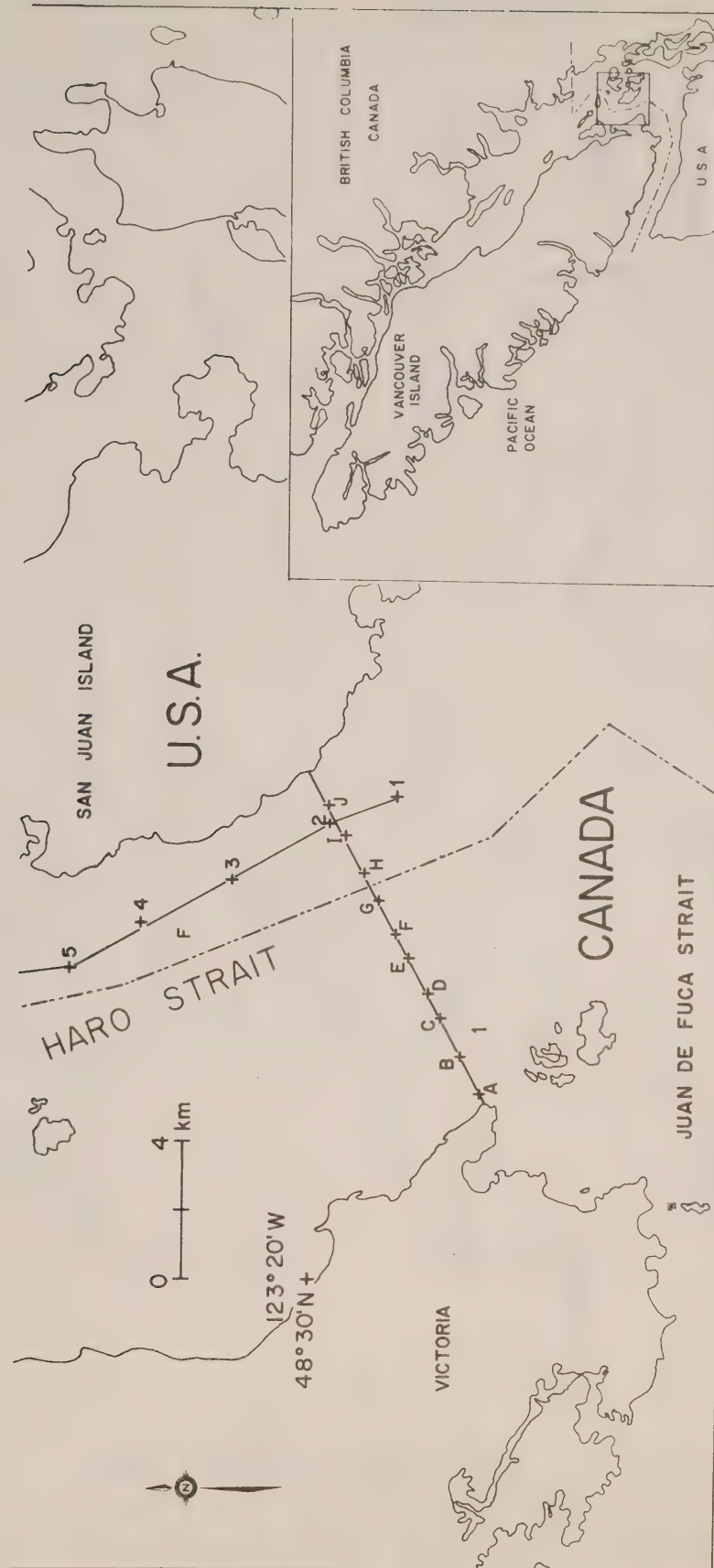


FIGURE 1 Stations of Line 1 and first half of Line F
Map of Haro Strait and Stations

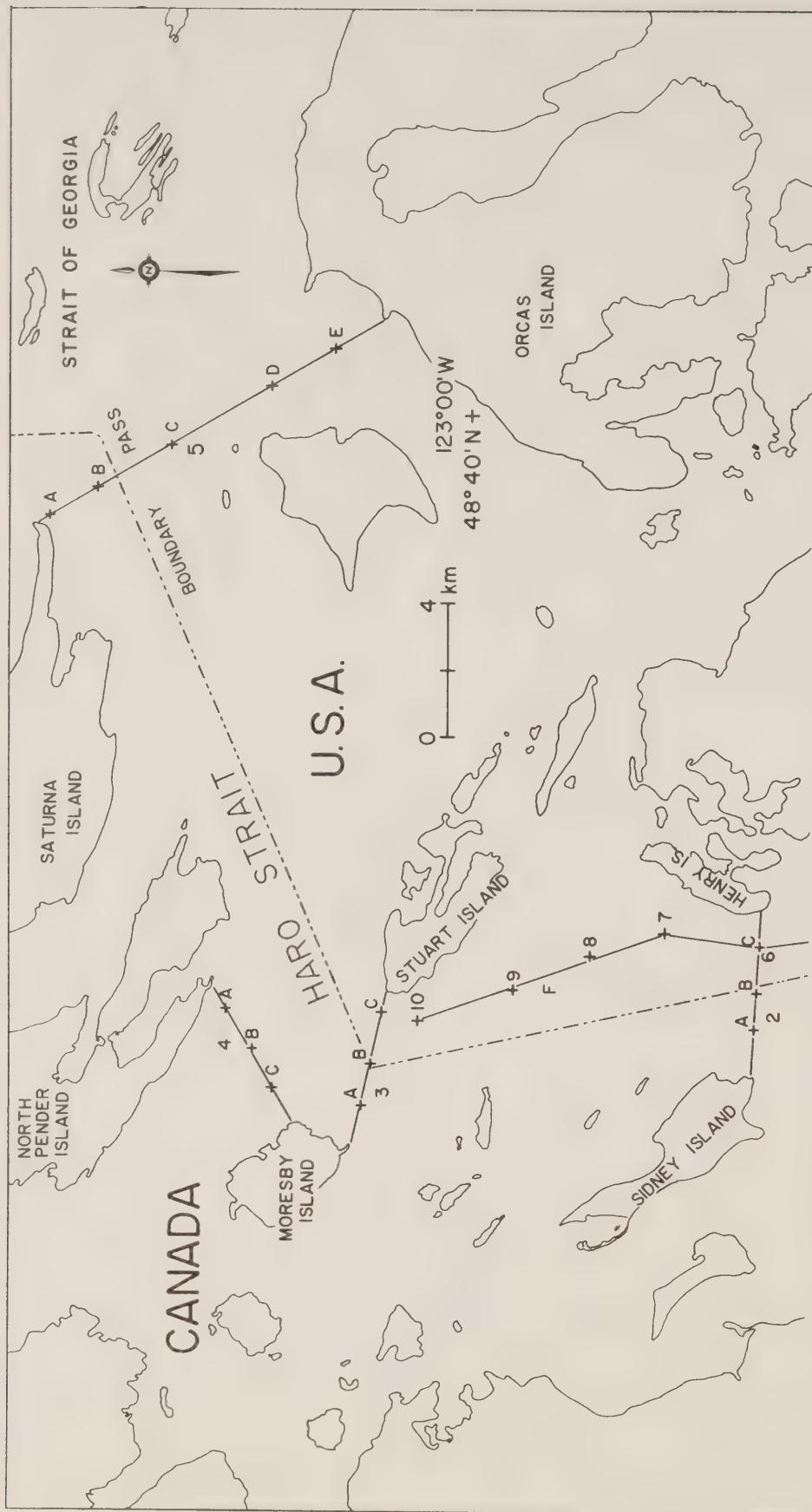


FIGURE 2 Stations of Lines 2, 3, 4, 5 and second half of Line F
Map of Haro Strait and Stations

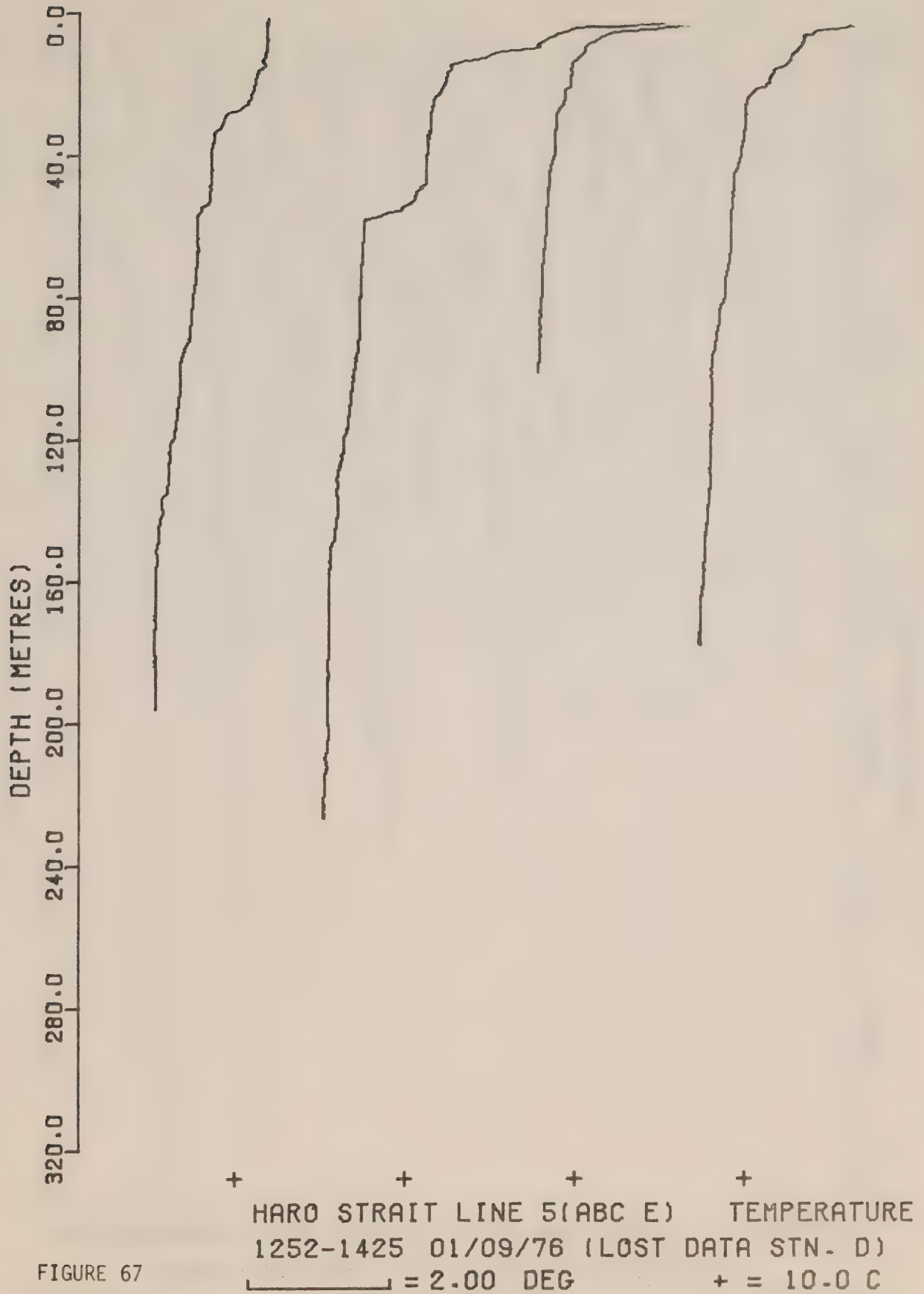


FIGURE 67

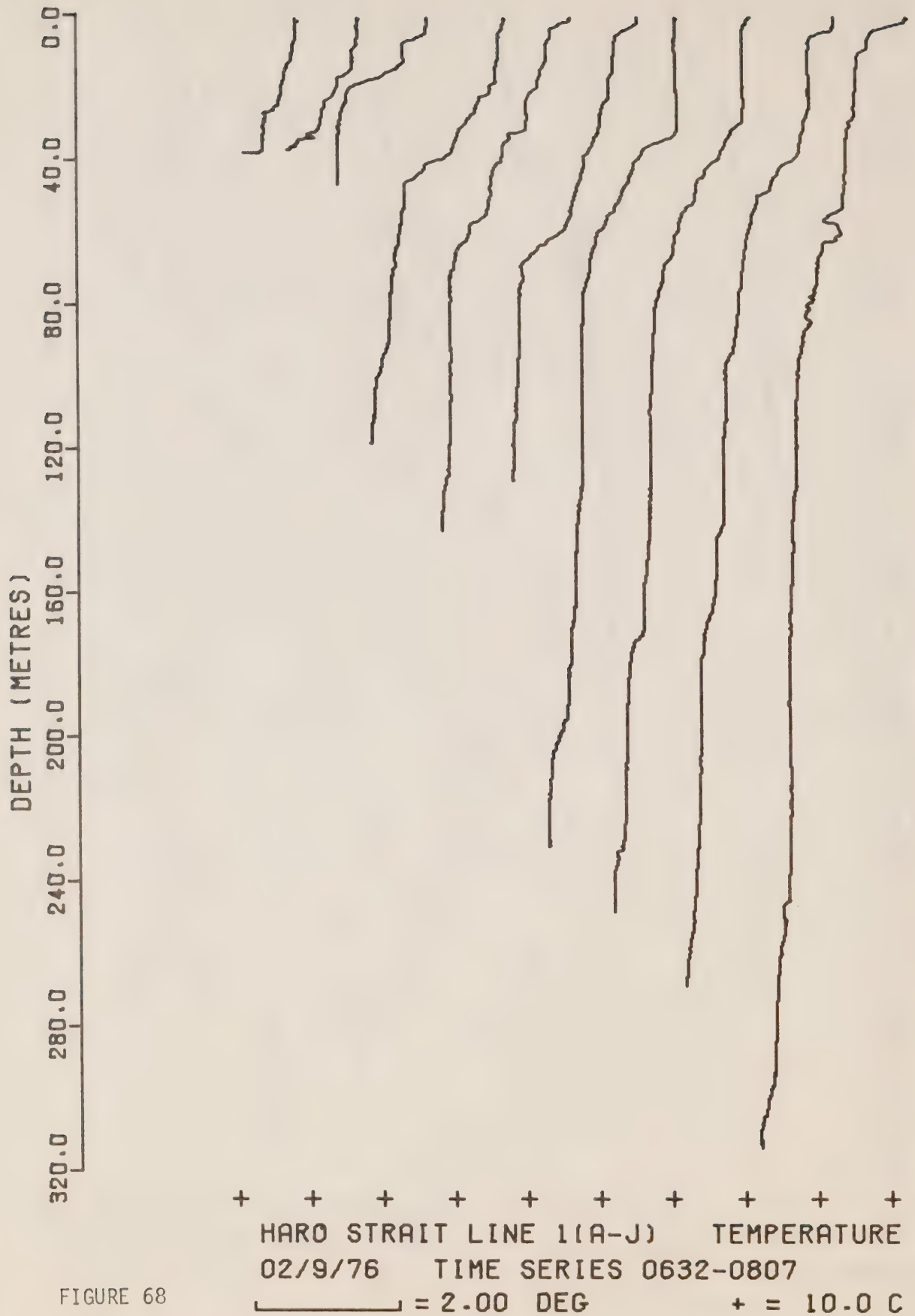


FIGURE 68

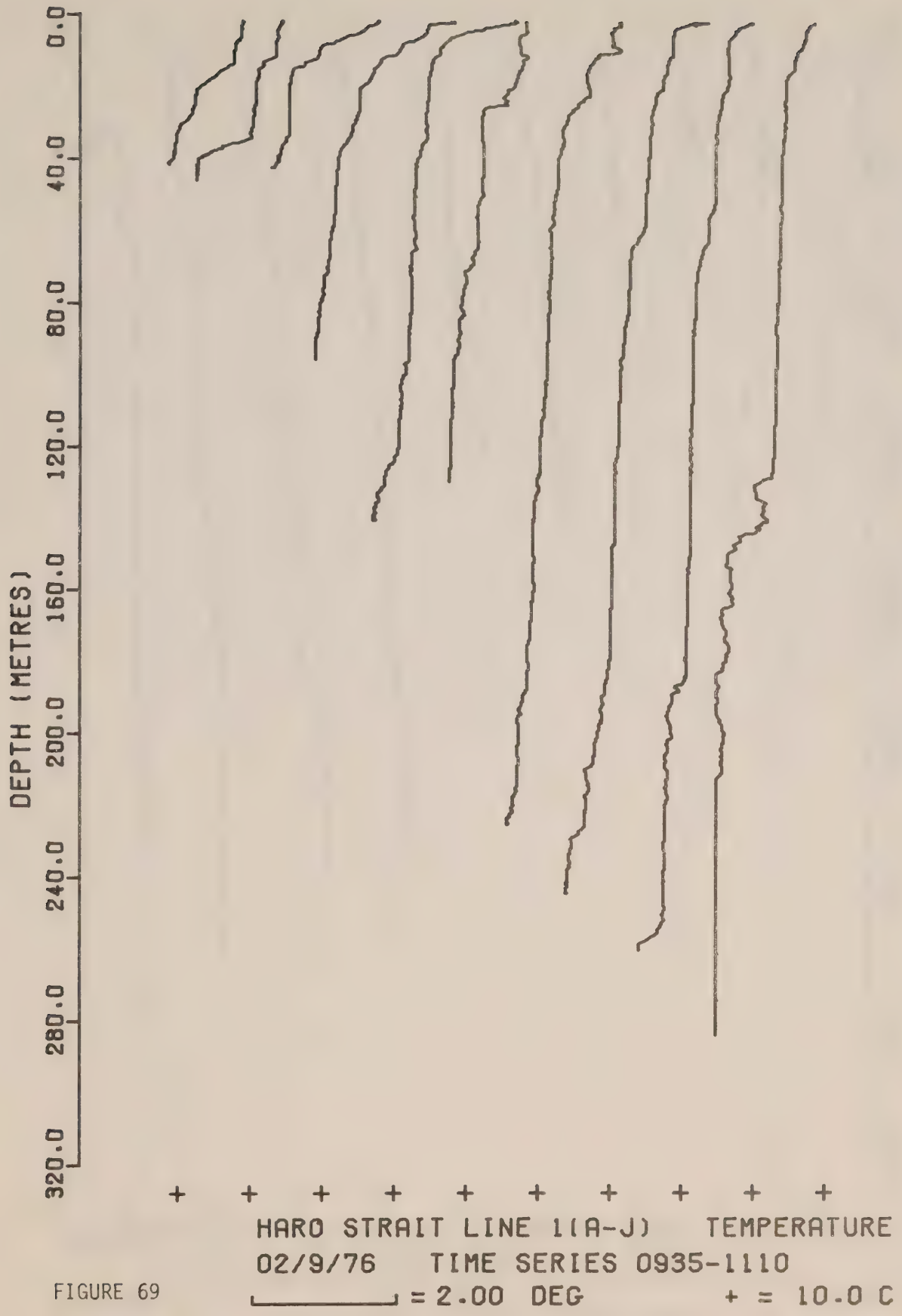


FIGURE 69

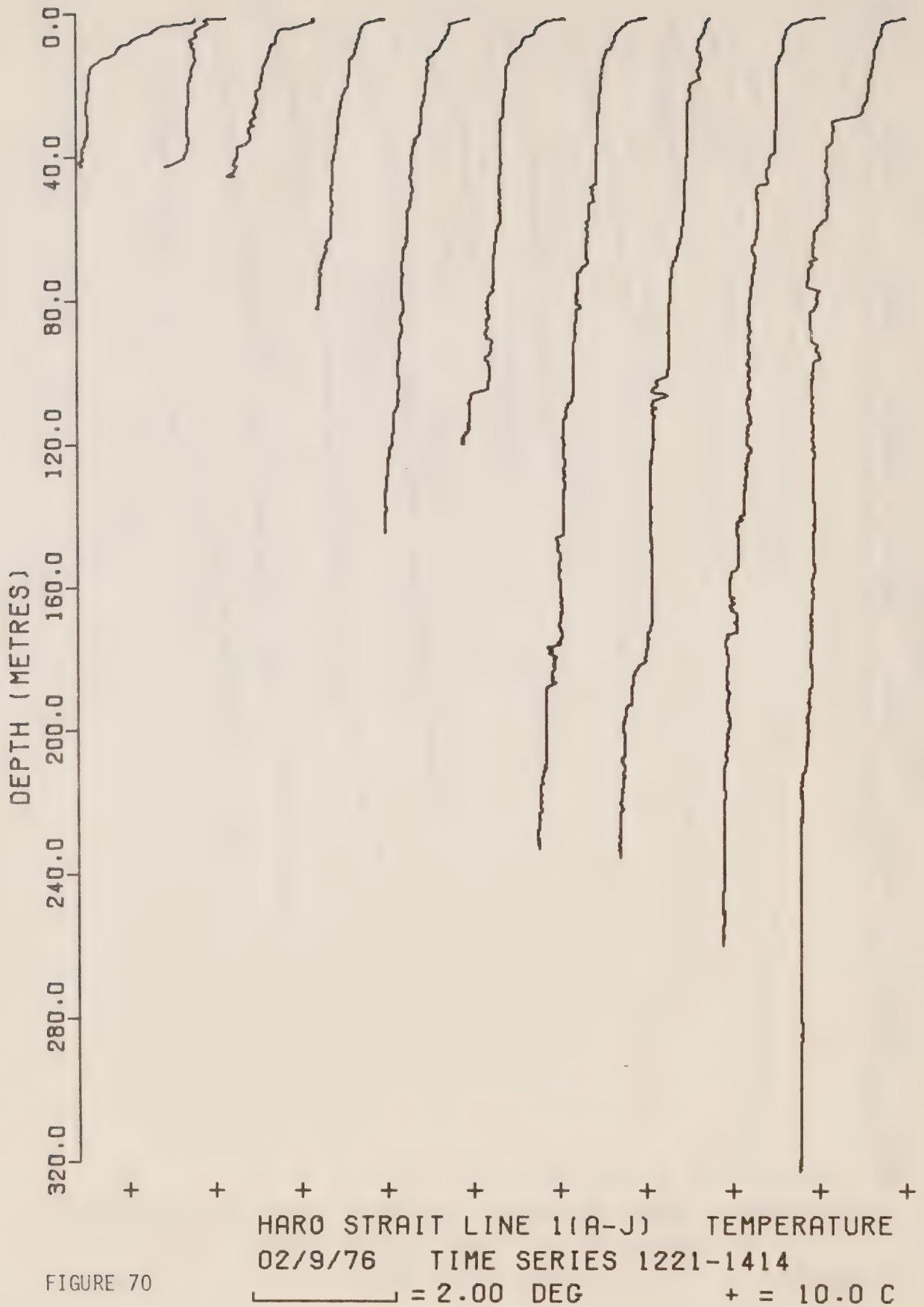
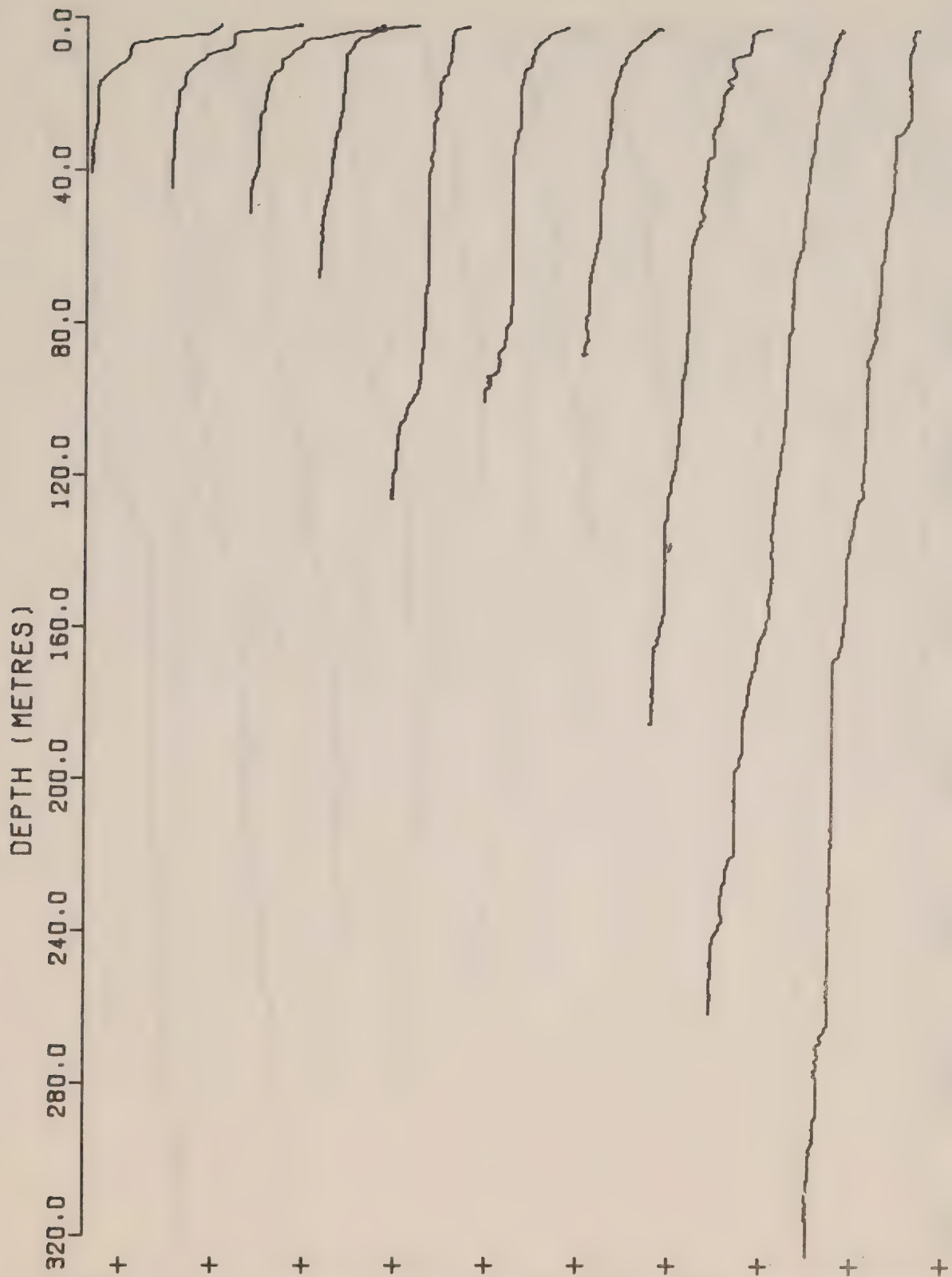


FIGURE 70



HARO STRAIT LINE 1(A-J) TEMPERATURE
 02/9/76 TIME SERIES 1503-1621
 ————— = 2.00 DEG + = 10.0 C

FIGURE 71

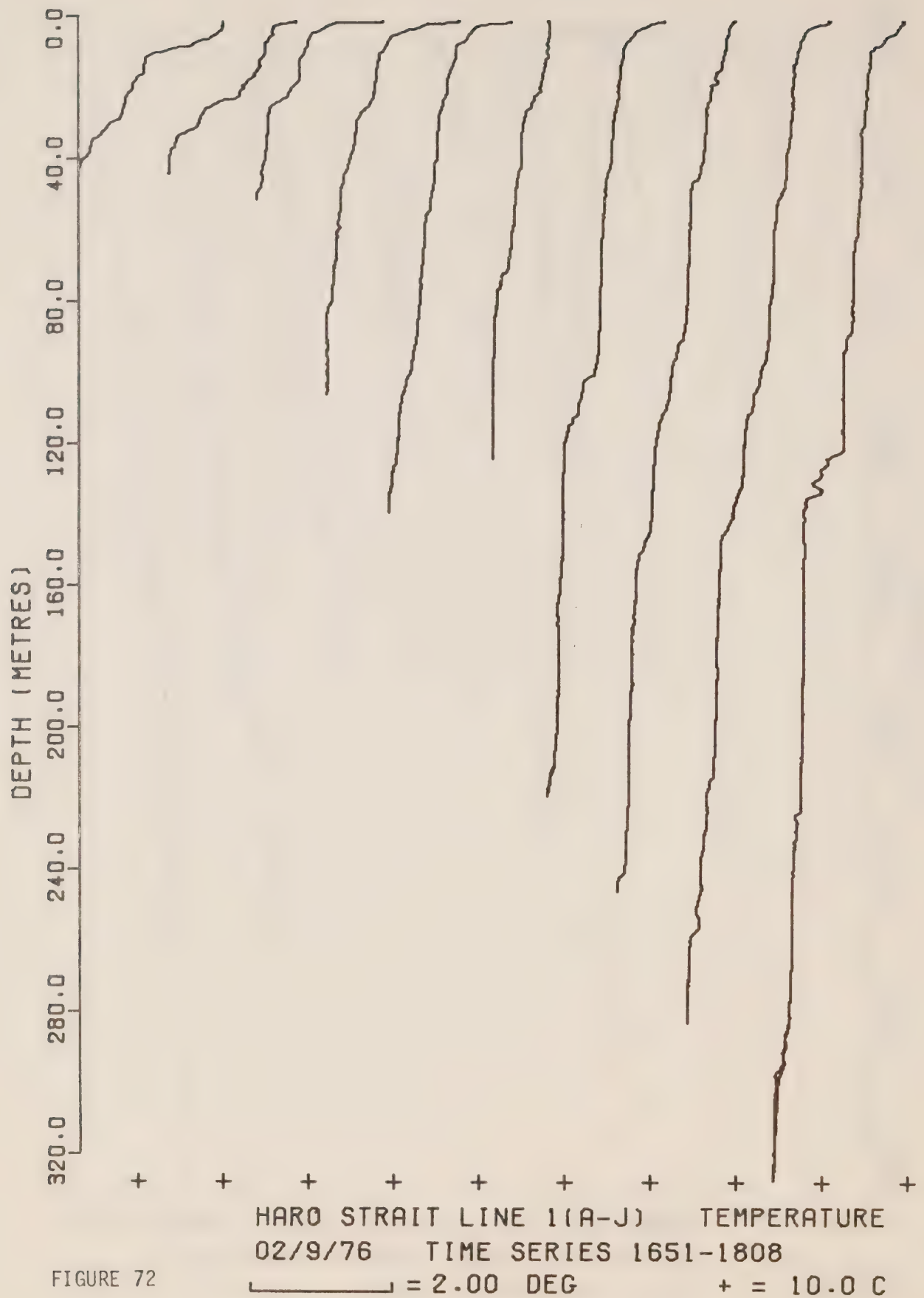


FIGURE 72

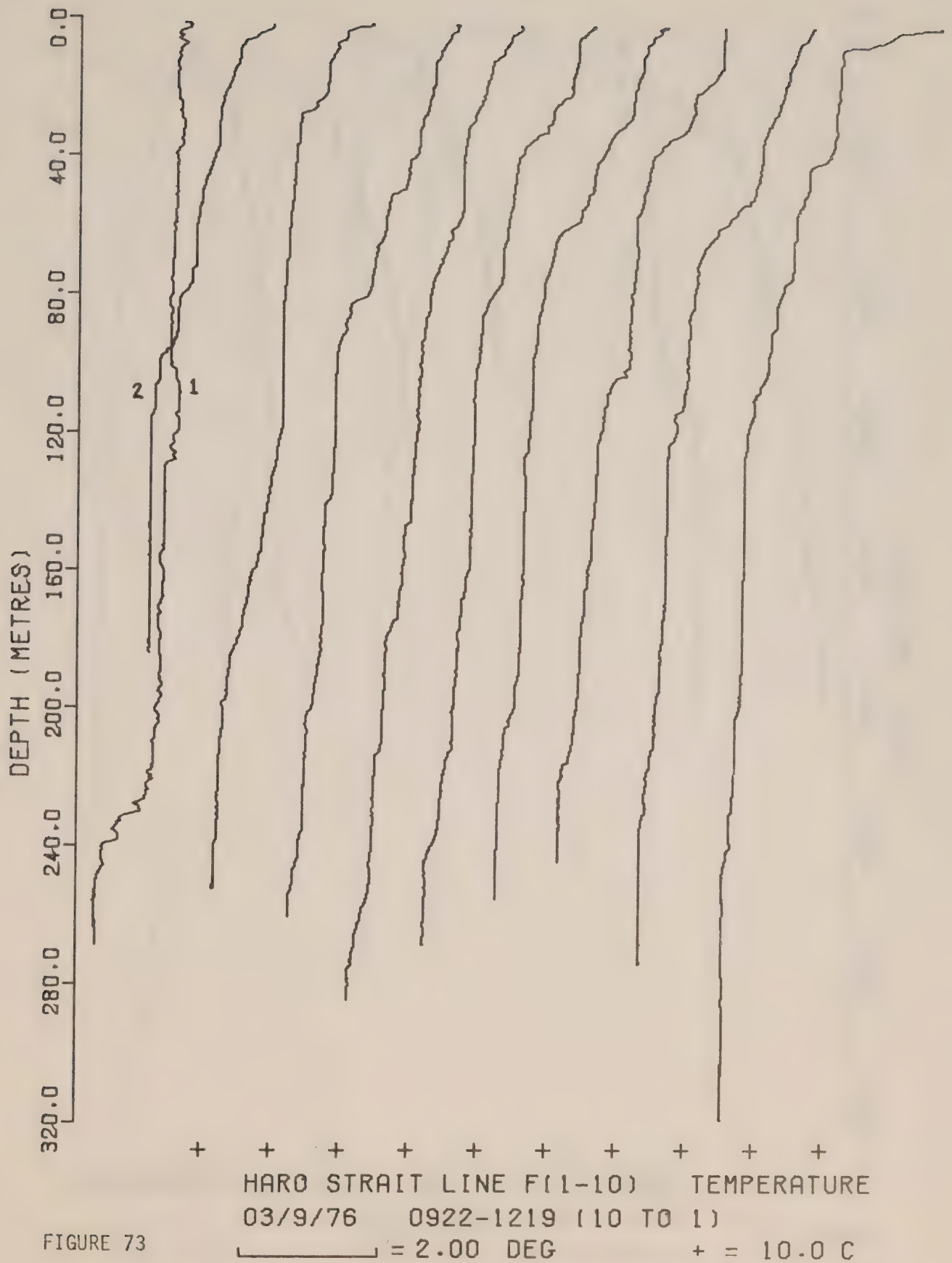


FIGURE 73

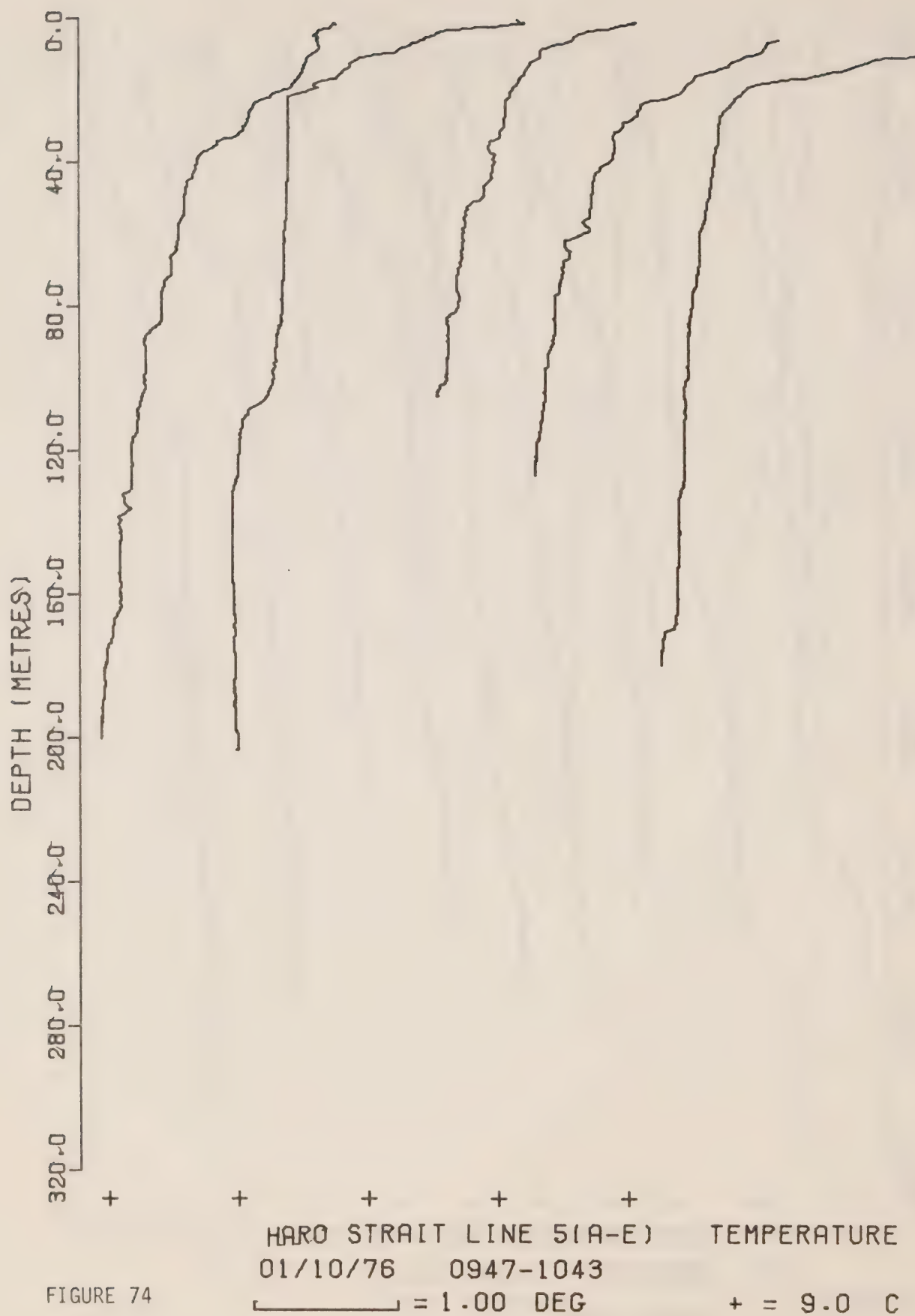


FIGURE 74

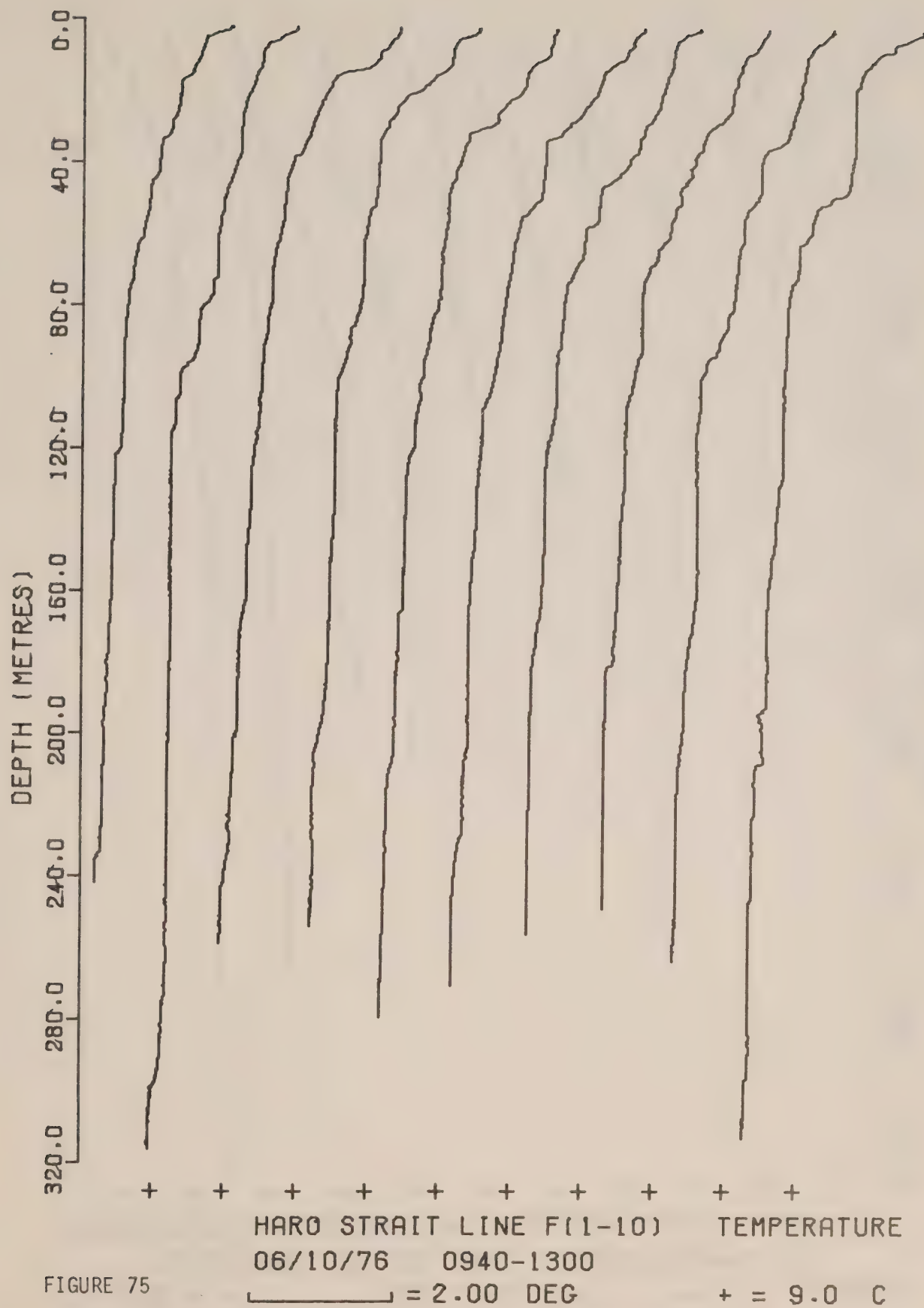


FIGURE 75

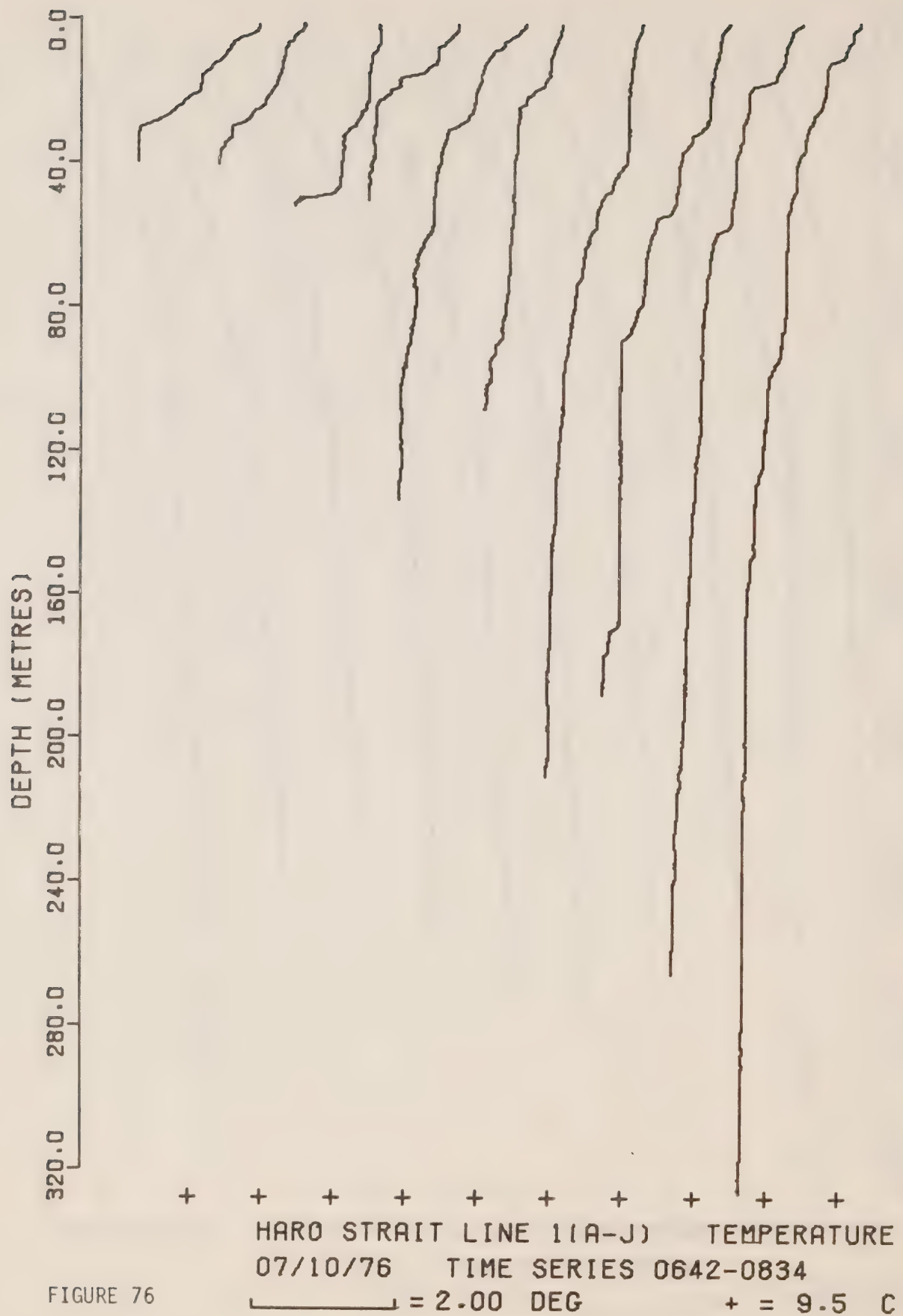


FIGURE 76

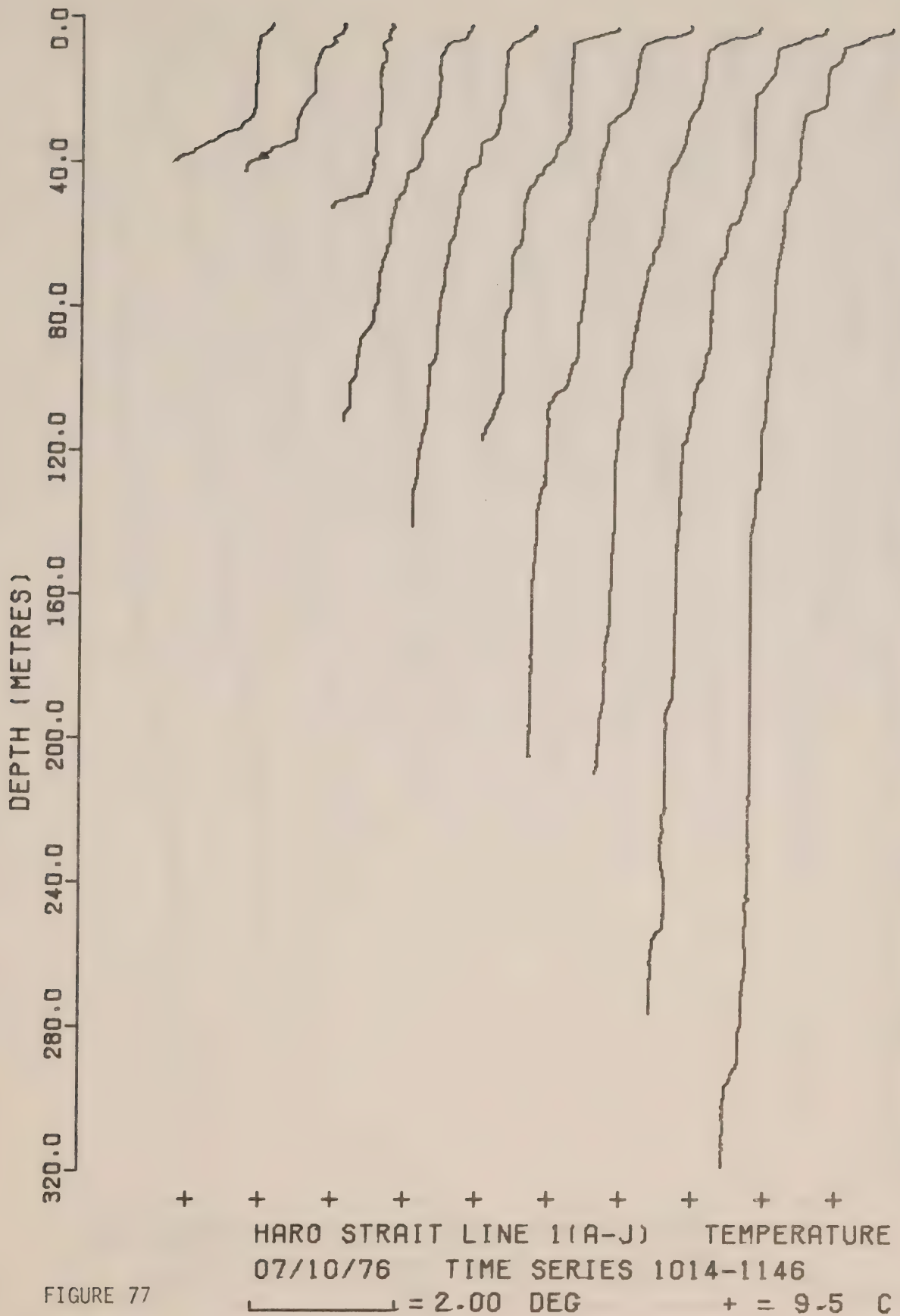


FIGURE 77

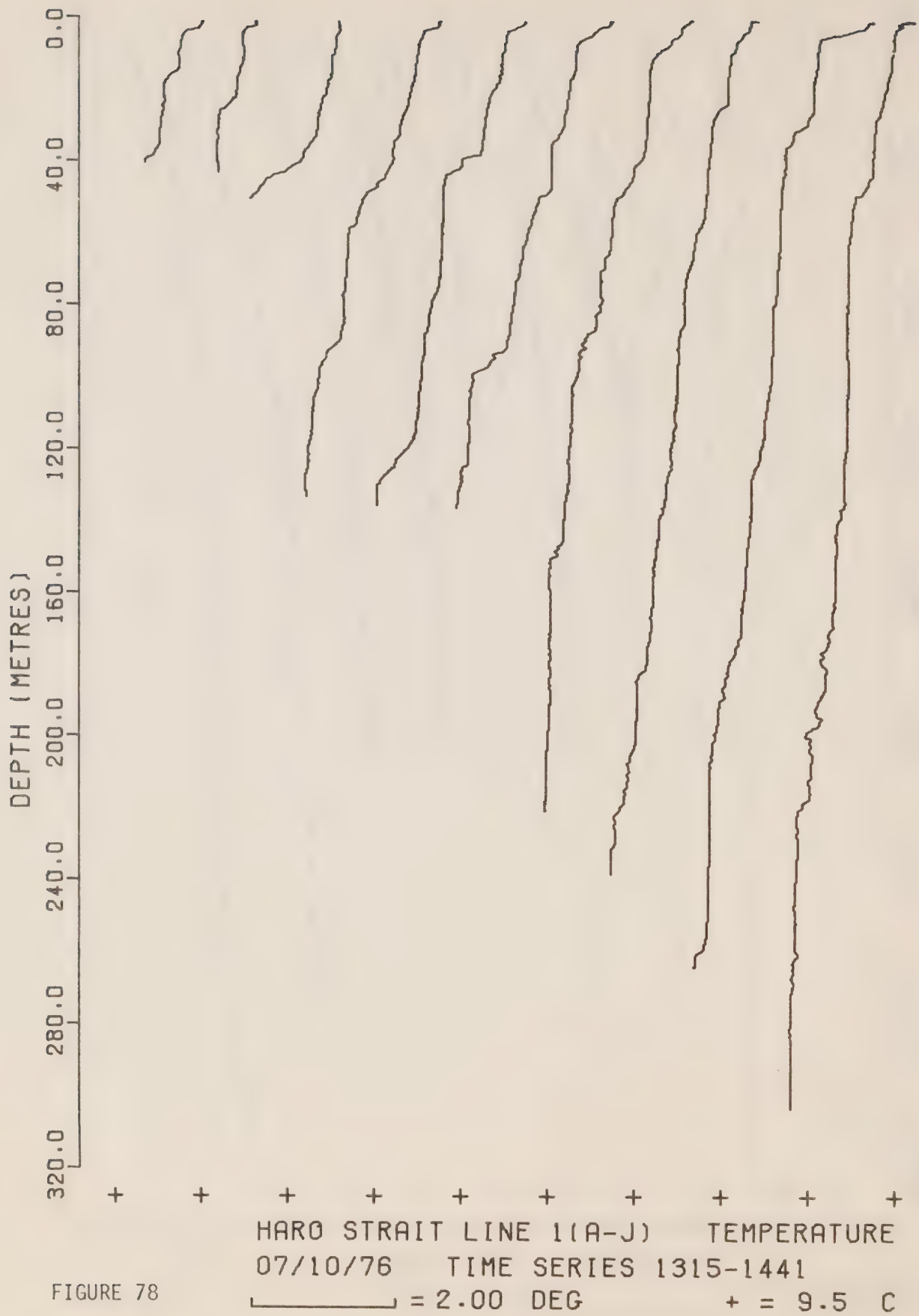


FIGURE 78

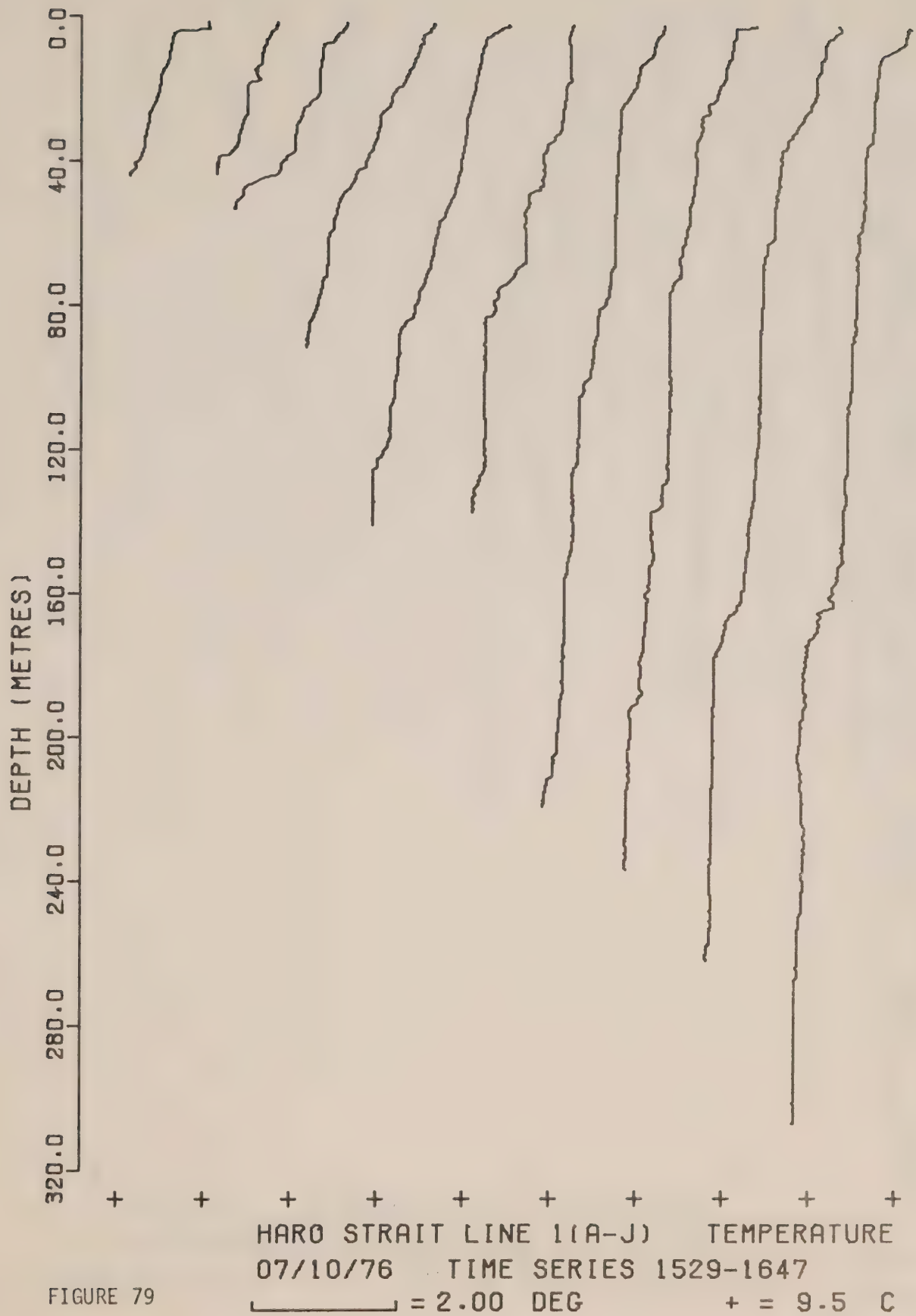


FIGURE 79

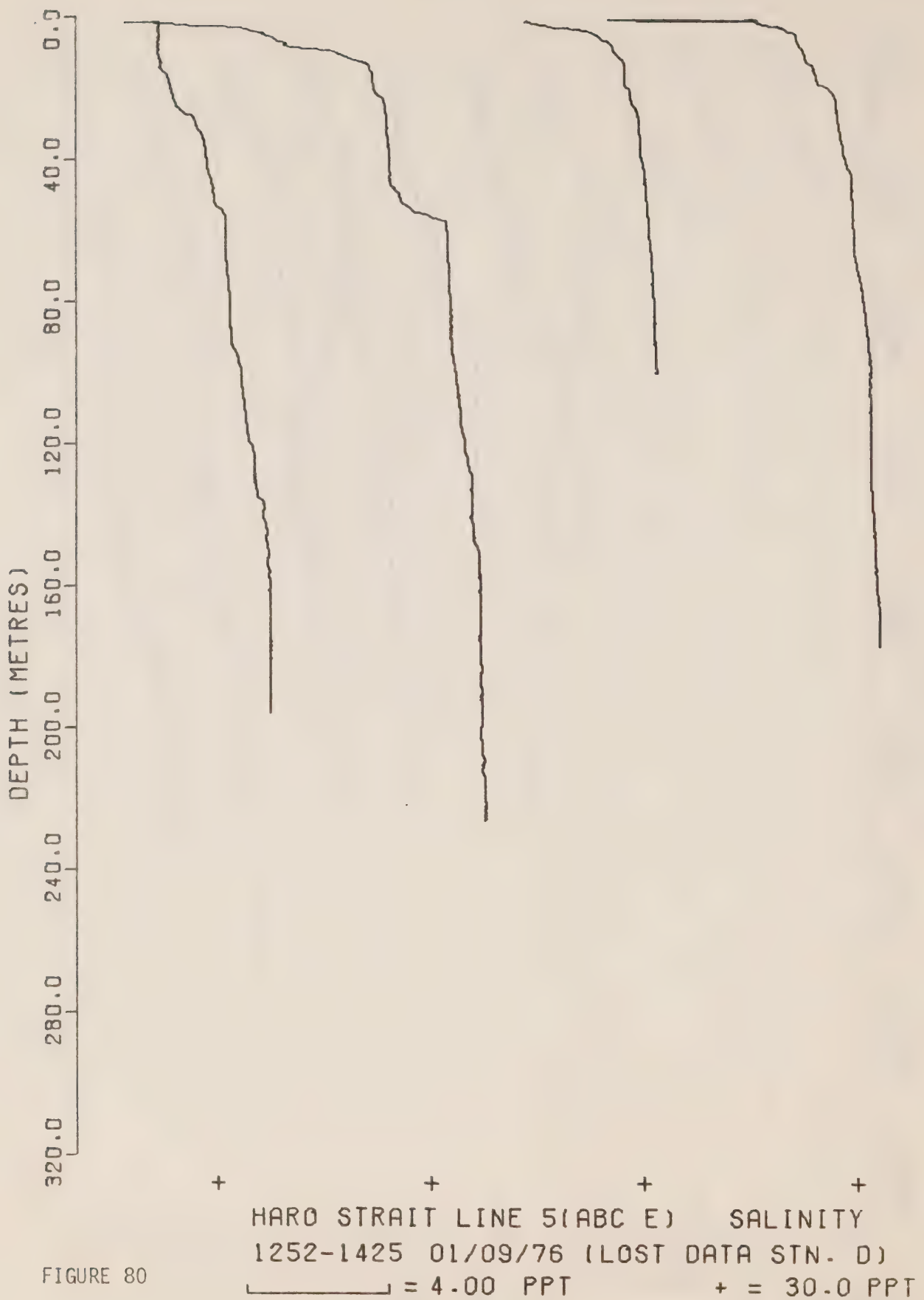


FIGURE 80

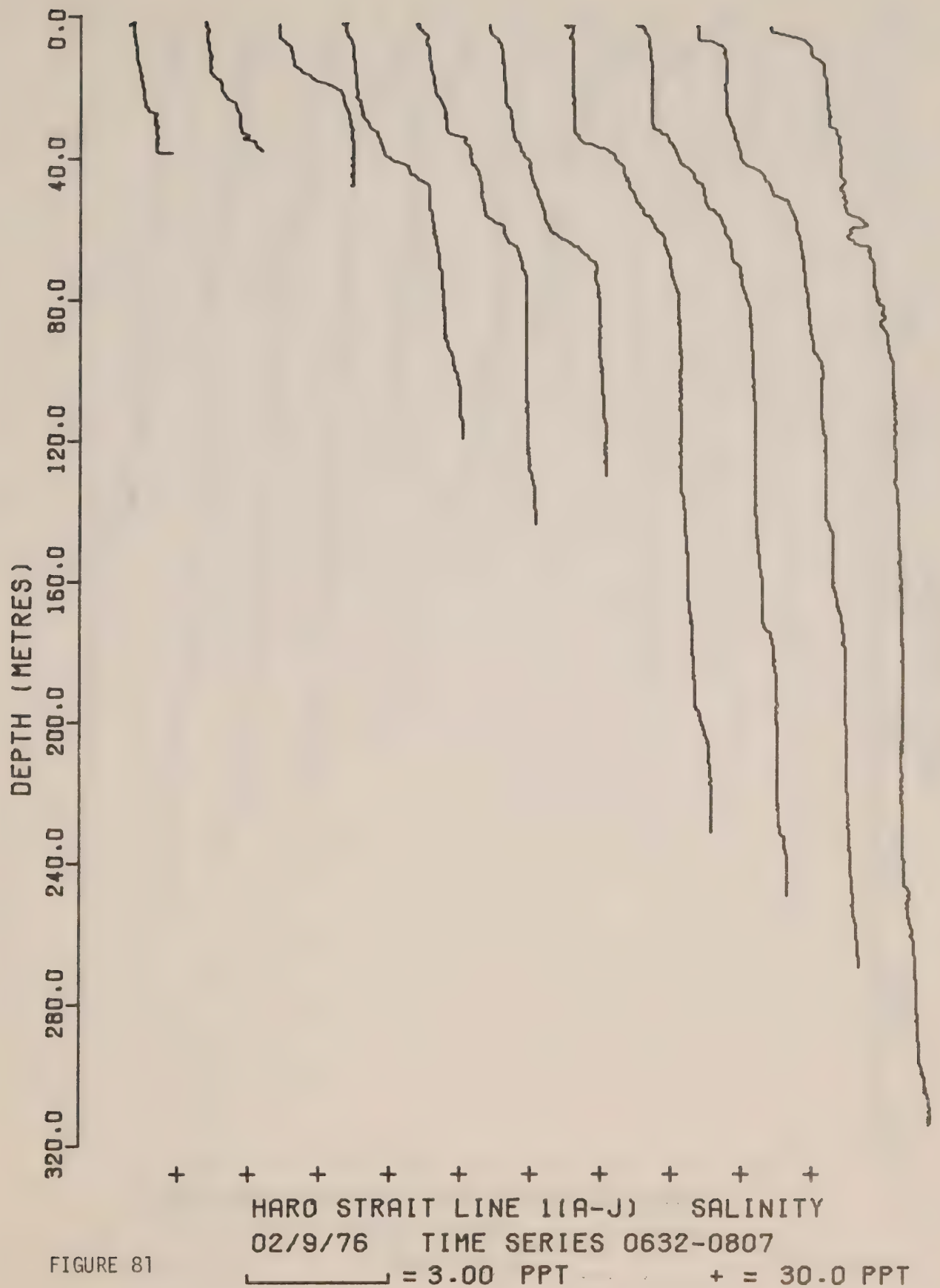


FIGURE 81

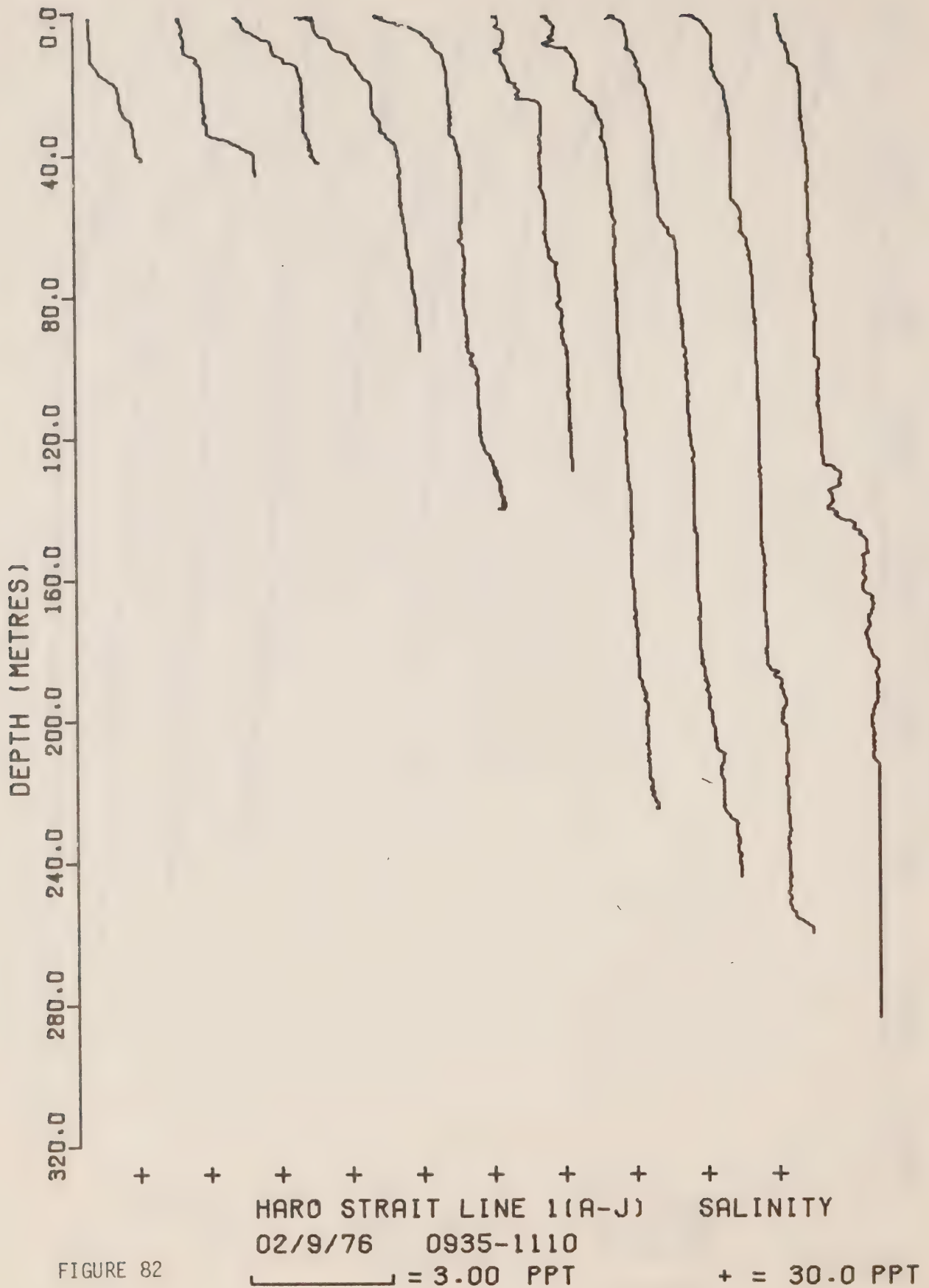


FIGURE 82

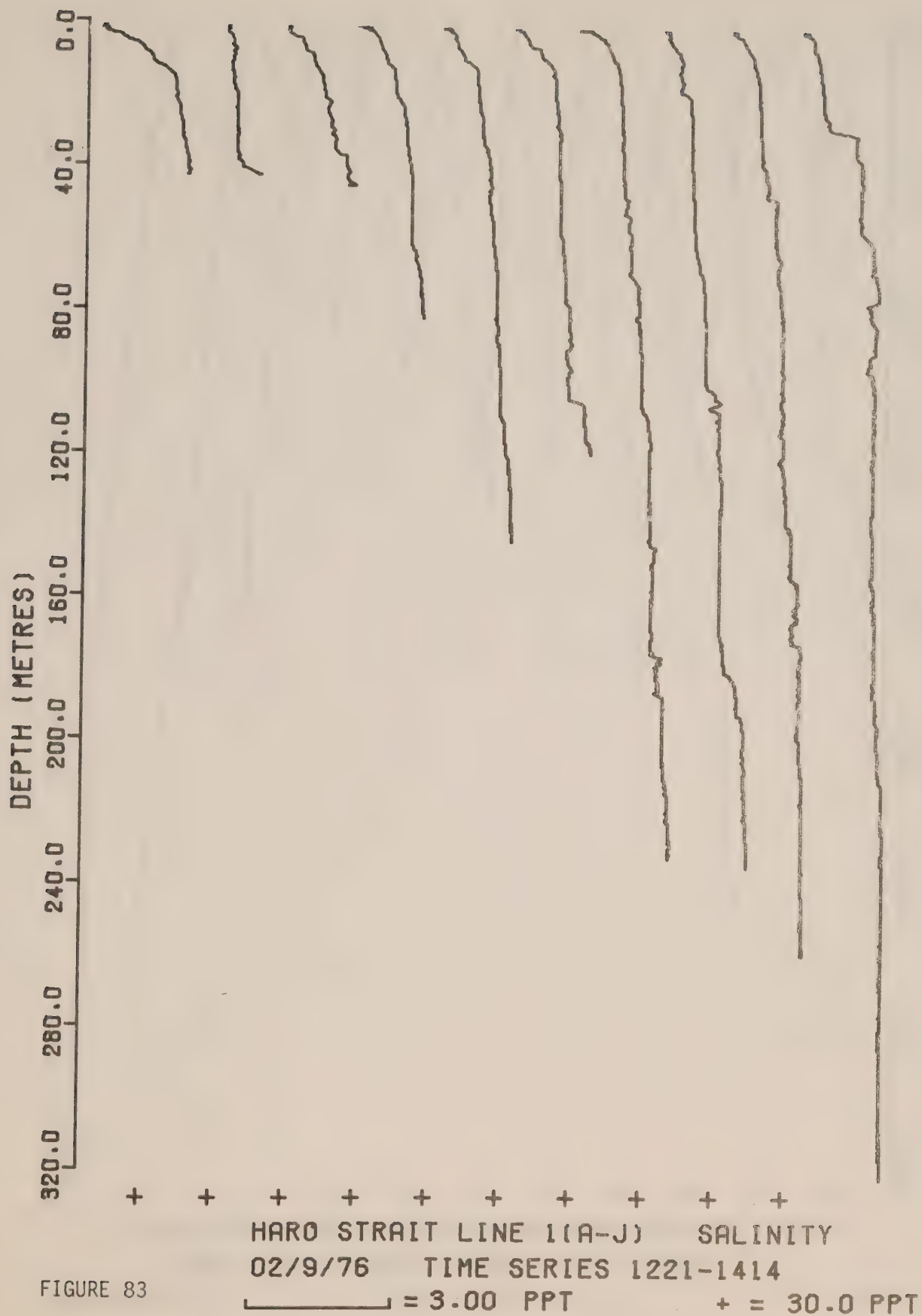


FIGURE 83

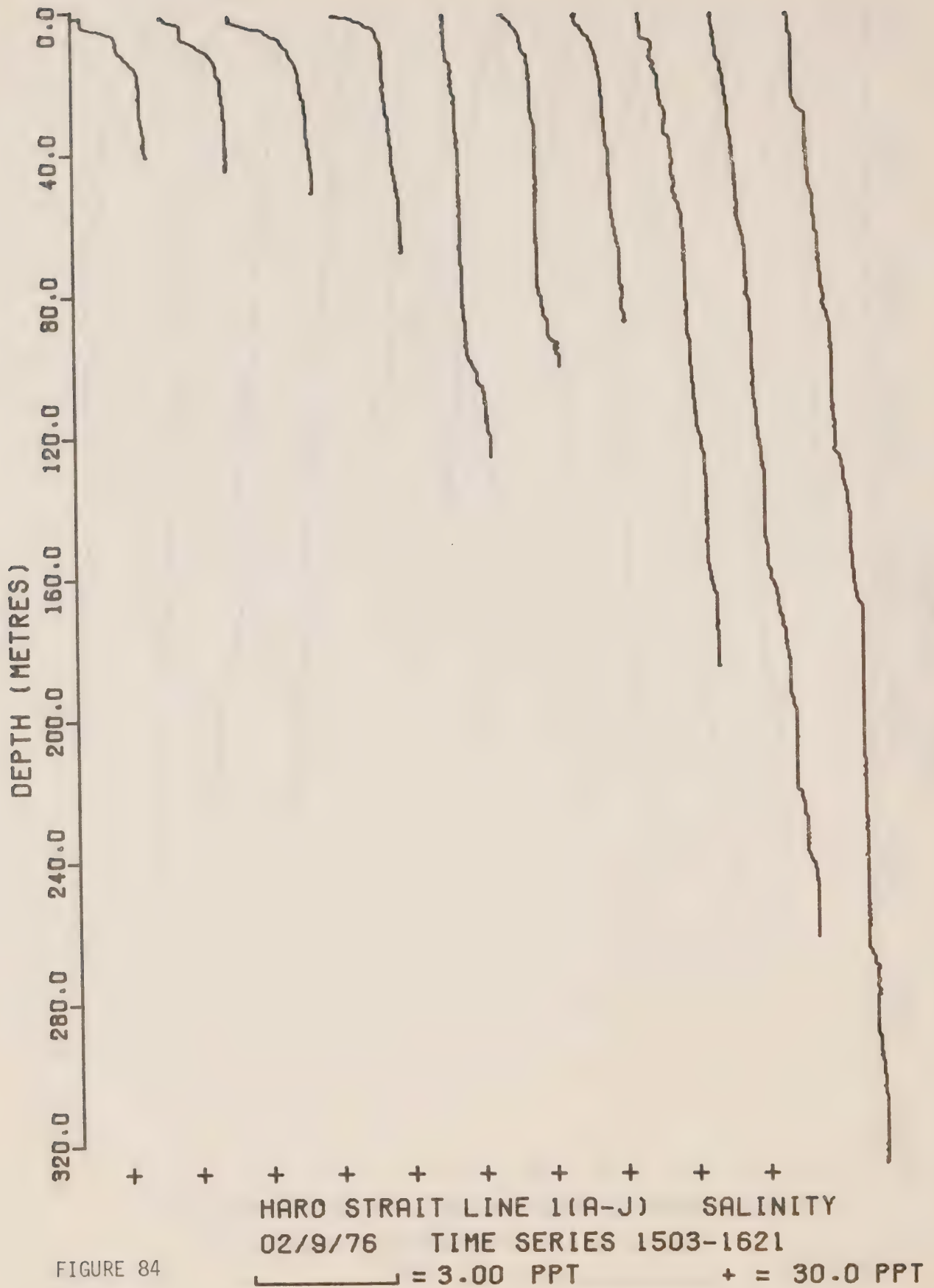


FIGURE 84

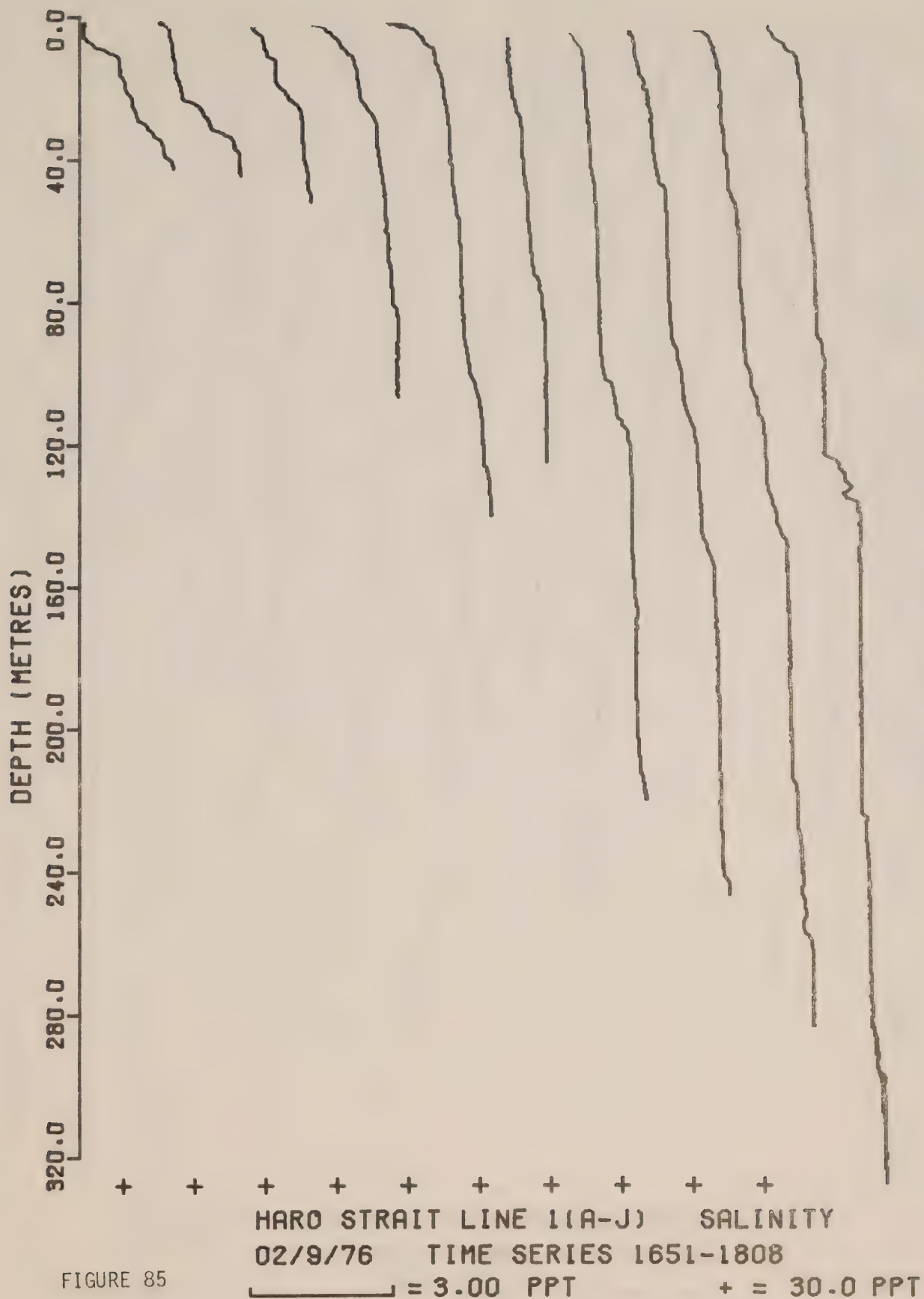
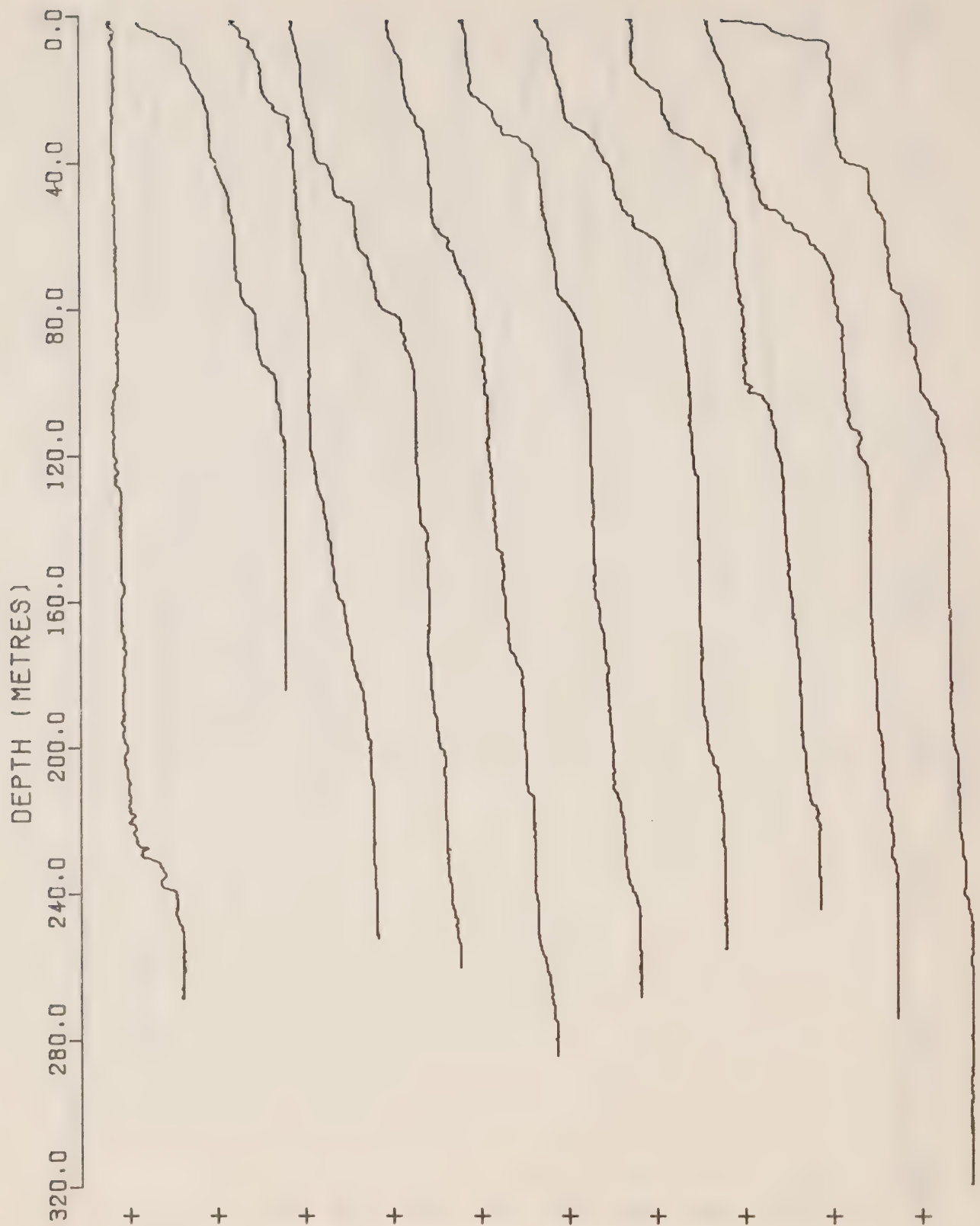


FIGURE 85



HARO STRAIT LINE F(1-10) SALINITY

03/9/76 0922-1219 (10 TO 1)

— = 3.00 PPT

+ = 31.0 PPT

FIGURE 86

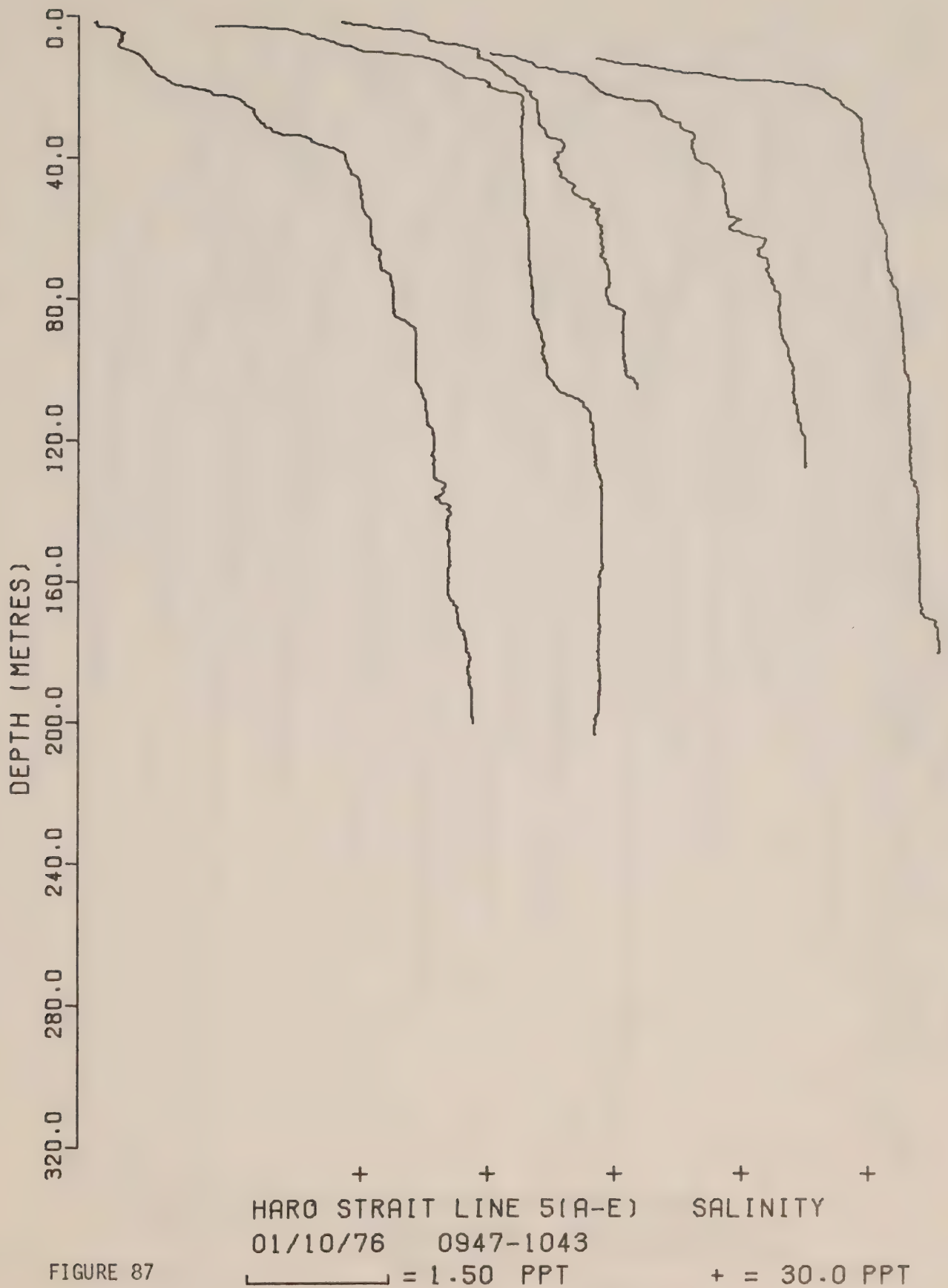


FIGURE 87

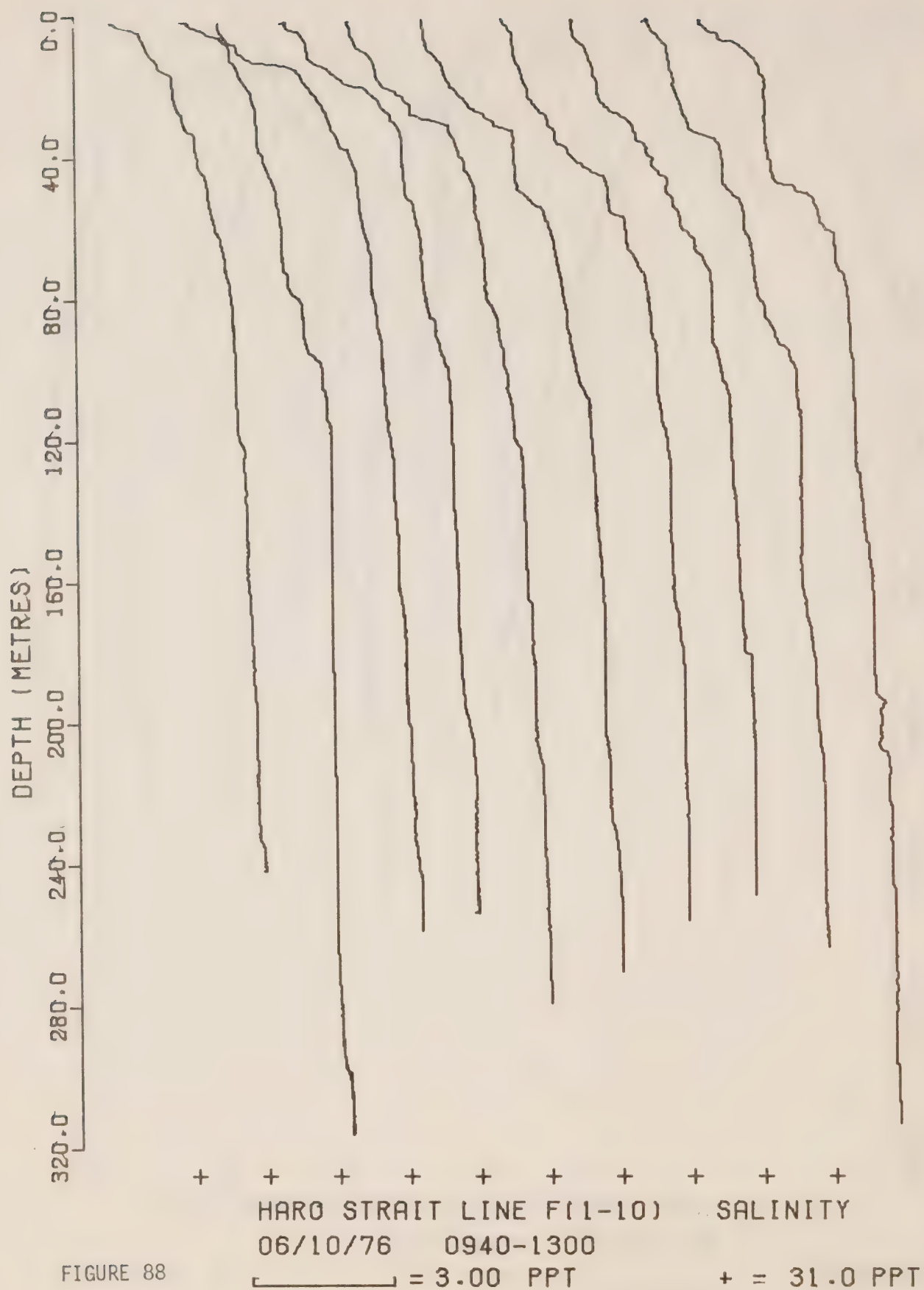


FIGURE 88

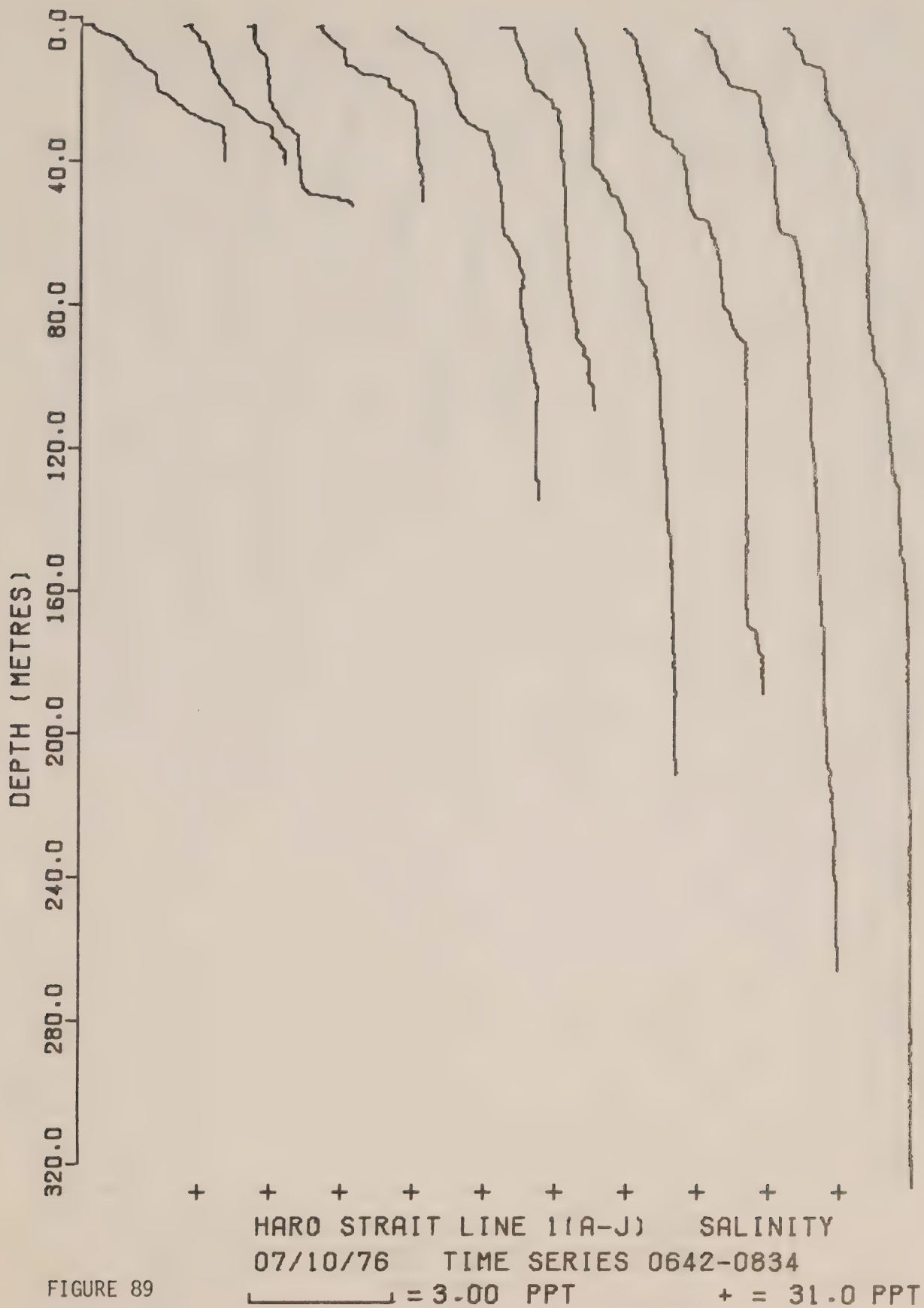


FIGURE 89

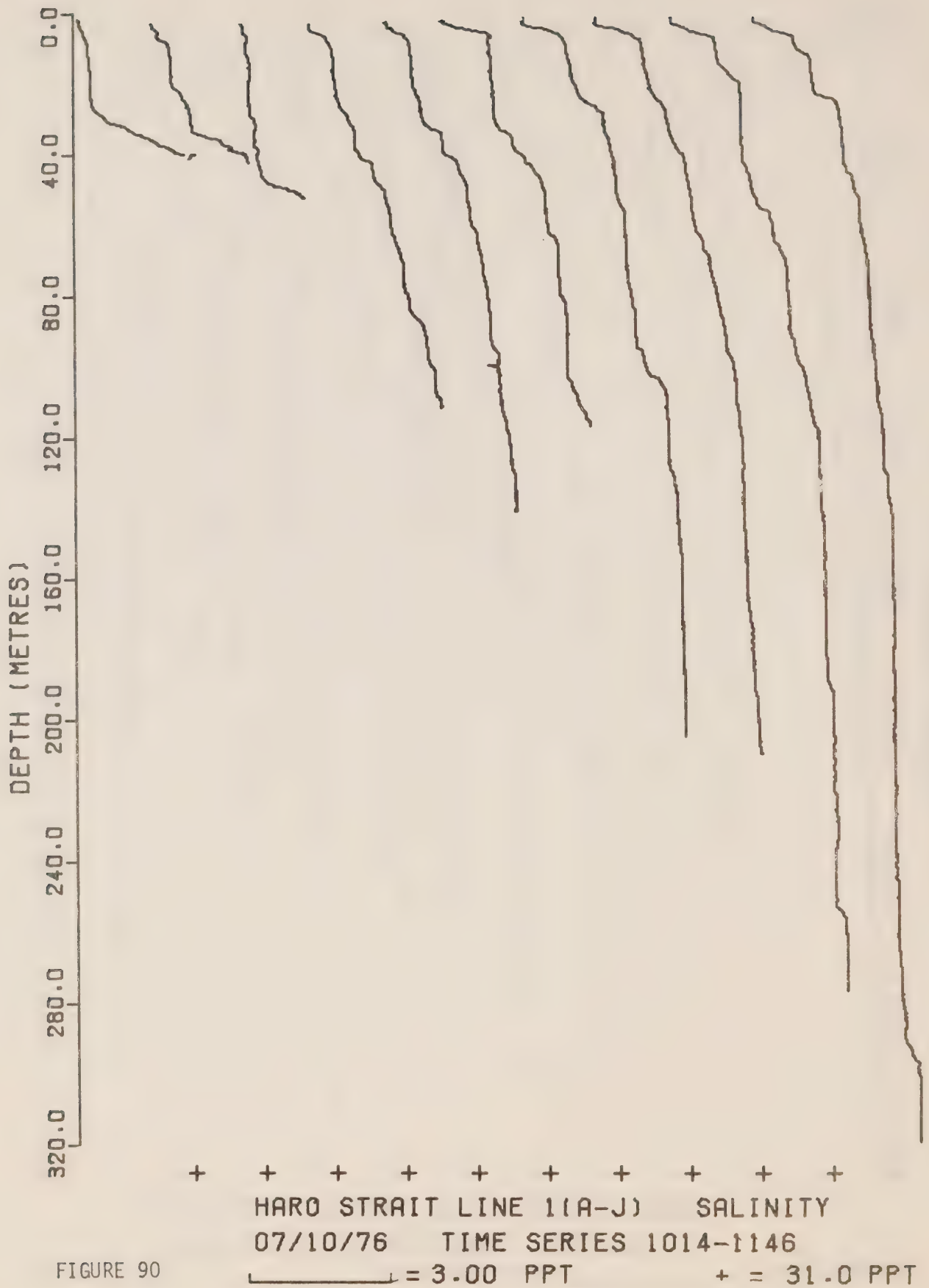


FIGURE 90

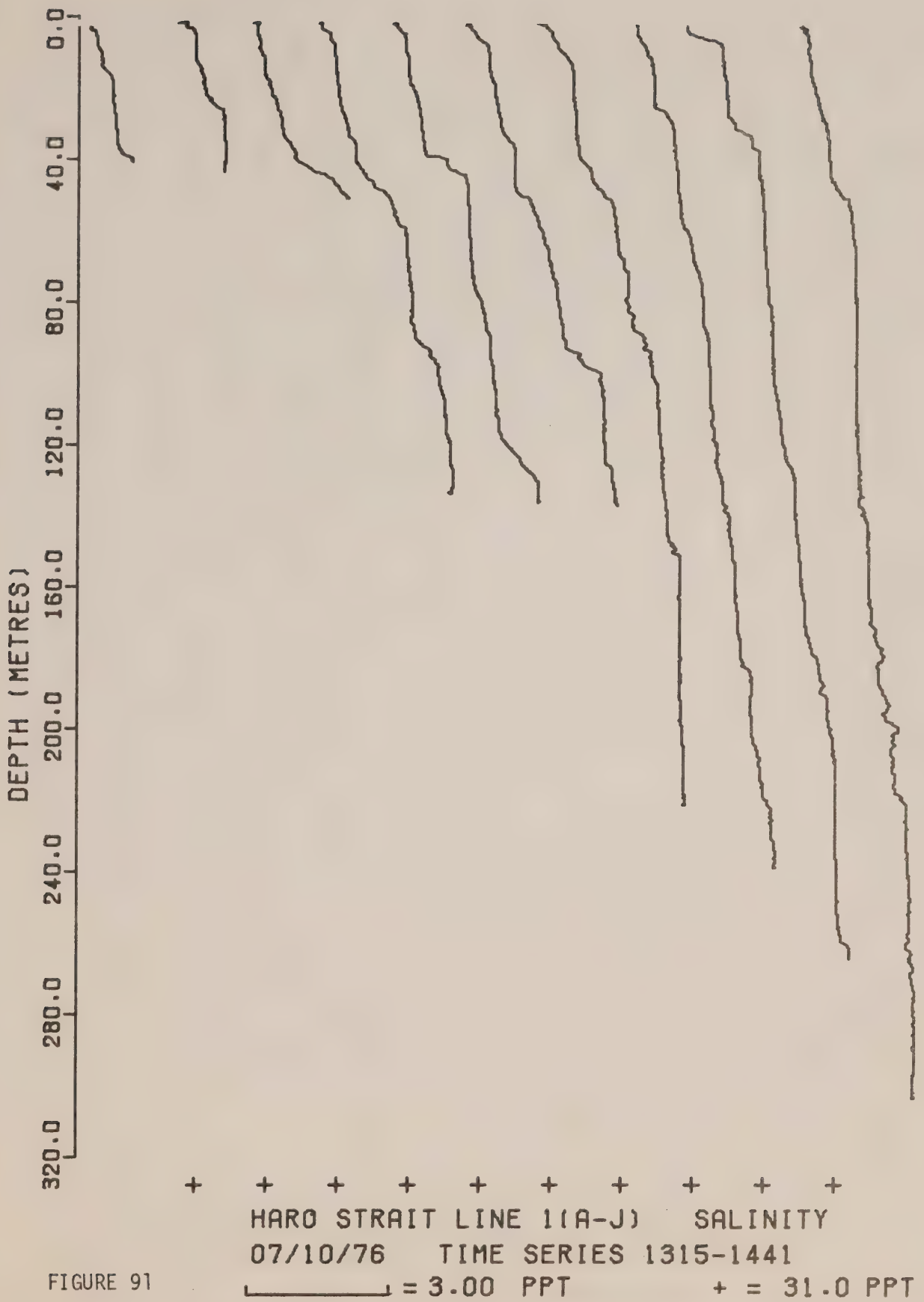


FIGURE 91

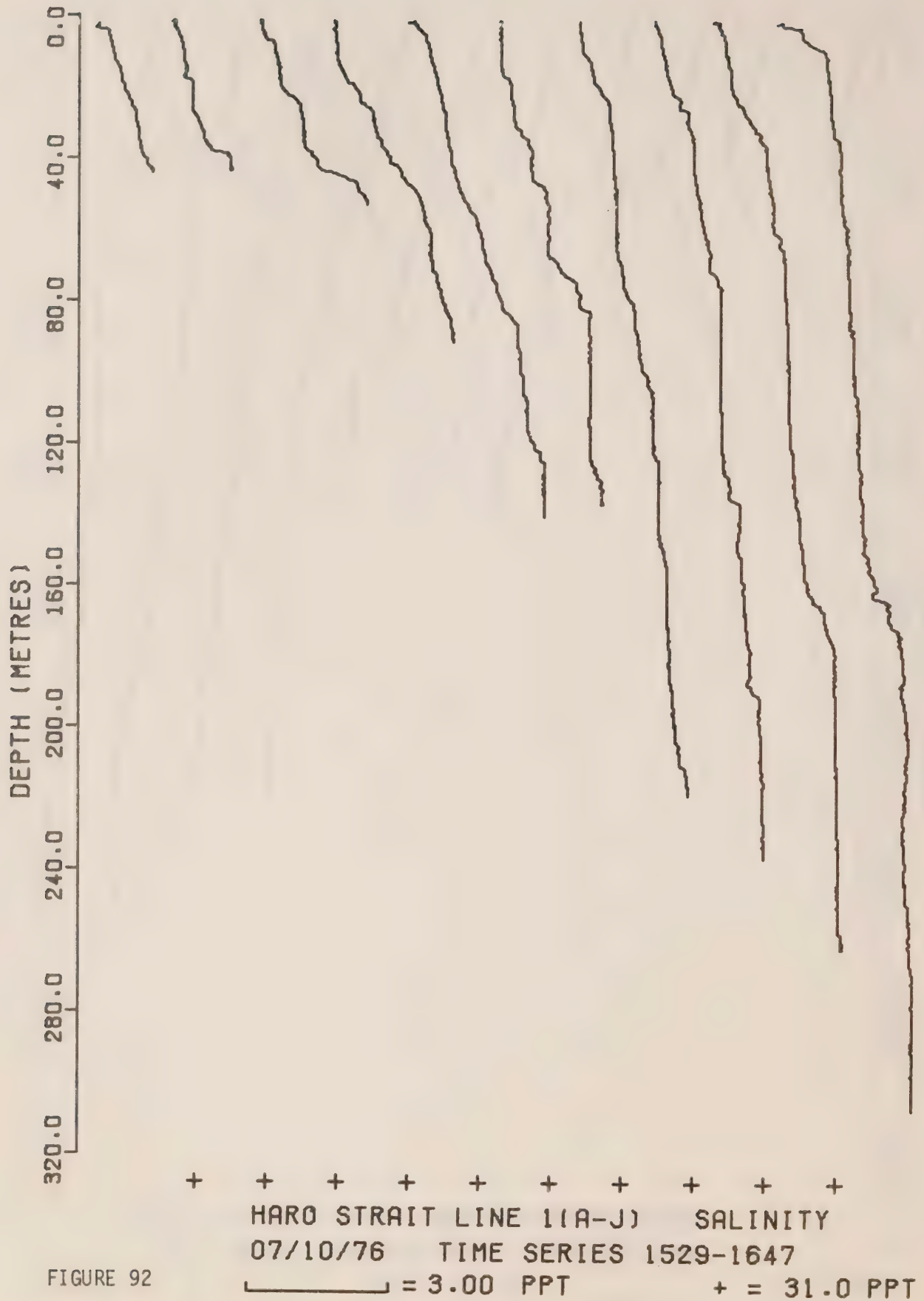


FIGURE 92

CAI
EP 321
-79R213



SALINITY/TEMPERATURE PROFILES IN HARO STRAIT, B.C.
PART III: November-December, 1976

by

Coastal Zone Oceanography Section



INSTITUTE OF OCEAN SCIENCES, PATRICIA BAY
Sidney, B.C.

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SALINITY/TEMPERATURE PROFILES IN HARO STRAIT, B.C.

PART III: November-December, 1976

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Coastal Zone Oceanography Section

Institute of Ocean Sciences, Patricia Bay
Sidney, B.C.

1979

TABLE OF CONTENTS

	Page
Table of Contents	i
List of Figures	iii
PART III	
Cruise No. 6 Nov. 14-16, 1976	359
Cruise No. 7 Dec. 14-16, 1976	415
Figures	459

LIST OF FIGURES

	page
Figures 1-2 Maps of Haro Strait and Stations	461-462
Figures 92-99 Plots of depth-temperature profiles, Cruise No. 6	463-469
Figures 100-105 Plots of depth-temperature profiles, Cruise No. 7	470-475
Figures 106-112 Plots of depth-salinity profiles, Cruise No. 6	476-482
Figures 113-118 Plots of depth-salinity profiles, Cruise No. 7	483-488

CRUISE No. 6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 46.86
 DATE 14/11/76
 TIME (PST) 1257

TAPE CZ0/78/ 8- 26
 LONG W123 2.50
 PASS NO. 19
 STN: LINE 5-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.93	9.19	22.38	20.71*
2.1	2.1	28.91	9.17	22.37	5.45*
5.3	5.3	29.23	9.07	22.63	14.61*
10.3	10.3	29.59	8.99	22.92	8.50*
15.3	15.3	29.59	8.99	22.93	2.40*
20.2	20.2	29.63	8.98	22.96	4.22
25.0	25.1	29.72	8.96	23.03	5.28*
30.3	30.4	29.76	8.94	23.06	5.44*
35.0	35.1	29.79	8.94	23.08	5.08*
40.1	40.2	29.83	8.93	23.11	5.60
45.2	45.4	29.93	8.91	23.20	6.73*
50.2	50.4	30.03	8.88	23.28	7.70
60.1	60.4	30.13	8.86	23.36	6.22*
70.0	70.3	30.24	8.82	23.46	8.18*
80.0	80.4	30.72	8.70	23.85	9.60
90.0	90.4	30.72	8.70	23.85	+
100.3	100.7	30.71	8.70	23.84	+
110.2	110.6	30.78	8.68	23.90	5.75*
120.3	120.9	31.03	8.61	24.10	9.58*
130.0	130.6	31.12	8.59	24.17	5.83*
140.1	140.8	31.43	8.50	24.43	

MAX DEPTH 141.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 46.04
 DATE 14/11/76
 TIME (PST) 1317

TAPE CZ0/78/ 8- 27
 LONG W123 1.80
 PASS NO. 21
 STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.92	9.29	22.35	17.28*
2.1	2.1	28.95	9.29	22.38	5.37*
5.2	5.3	29.30	9.15	22.67	13.96*
10.2	10.2	29.50	9.06	22.85	10.64*
15.4	15.4	29.55	9.04	22.89	7.32*
20.3	20.4	29.66	9.01	22.97	7.93
25.1	25.2	29.72	8.99	23.02	4.36*
30.3	30.4	29.73	8.98	23.03	3.07
35.1	35.3	29.75	8.98	23.05	4.56
40.1	40.3	29.77	8.97	23.07	4.26*
45.4	45.5	29.82	8.95	23.11	2.73*
50.3	50.5	29.83	8.95	23.11	.89*
60.2	60.4	29.87	8.94	23.15	6.41*
70.2	70.5	30.27	8.83	23.47	17.09
80.4	80.7	30.65	8.72	23.79	3.16
90.3	90.7	30.75	8.69	23.87	4.22*
100.1	100.5	30.81	8.67	23.92	6.28*
110.3	110.8	30.88	8.65	23.98	6.80
120.1	120.7	31.27	8.53	24.30	10.21
130.0	130.7	31.56	8.44	24.54	6.59
140.1	140.8	31.63	8.42	24.60	2.53*
150.1	150.9	31.69	8.40	24.65	5.67*
160.2	161.0	31.78	8.37	24.72	2.99*
170.2	171.1	31.80	8.37	24.73	1.63*
180.4	181.4	31.81	8.37	24.74	.87*
190.4	191.4	31.81	8.37	24.74	.97*
200.2	201.3	31.82	8.37	24.75	1.13*
210.2	211.3	31.82	8.37	24.76	.93*
220.3	221.5	31.81	8.37	24.75	+
230.1	231.3	31.82	8.37	24.75	+
240.1	241.4	31.82	8.37	24.75	

MAX DEPTH 241.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 44.88
 DATE 14/11/76
 TIME (PST) 1350

TAPE CZ0/78/ 8- 28
 LONG W123 .76
 PASS NO. 23
 STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.35	9.35	21.90	2.30
2.1	2.1	28.42	9.35	21.96	8.39
5.3	5.3	28.63	9.31	22.12	29.15
10.2	10.2	29.33	9.09	22.70	5.70
15.2	15.3	29.45	9.04	22.81	6.51
20.2	20.3	29.52	9.02	22.87	6.49*
25.0	25.1	29.60	8.99	22.93	5.33*
30.1	30.2	29.62	8.98	22.95	3.92*
35.0	35.1	29.64	8.97	22.96	7.06*
40.0	40.2	29.72	8.96	23.02	11.41*
45.1	45.3	30.02	8.88	23.28	9.08
50.1	50.3	30.41	8.78	23.59	7.04
60.3	60.6	30.54	8.75	23.69	5.69
70.4	70.7	30.64	8.72	23.78	3.85*
80.4	80.7	30.66	8.72	23.80	4.09
90.2	90.6	30.69	8.71	23.82	2.82
100.1	100.6	30.86	8.68	23.96	+

MAX DEPTH 101.9

CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 43.22
 DATE 14/11/76
 TIME (PST) 1411

TAPE CZ0/78/ 8- 29
 LONG W122 59.27
 PASS NO. 25
 STN: LINE 5-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.12	9.11	22.54	5.77*
2.2	2.2	29.12	9.11	22.54	1.84*
5.1	5.2	29.11	9.11	22.53	4.80*
10.2	10.2	29.20	9.08	22.61	3.84*
15.5	15.6	29.21	9.08	22.61	2.88*
20.1	20.1	29.24	9.07	22.64	5.46
25.4	25.5	29.28	9.05	22.67	3.25*
30.2	30.3	29.29	9.05	22.68	.96*
35.0	35.1	29.28	9.06	22.67	1.15*
40.0	40.1	29.29	9.05	22.68	1.45*
45.5	45.6	29.30	9.06	22.68	2.32*
50.1	50.3	29.31	9.05	22.69	3.65*
60.1	60.3	29.64	8.97	22.96	9.65
70.0	70.3	29.84	8.93	23.13	3.85*

MAX DEPTH 70.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 42.21
 DATE 14/11/76
 TIME (PST) 1430

TAPE CZ0/78/ 8- 30
 LONG W122 58.36
 PASS NO. 27
 STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.24	9.05	22.64	3.54*
2.1	2.1	29.24	9.04	22.64	1.46*
5.1	5.1	29.24	9.04	22.64	3.70*
10.1	10.1	29.35	9.01	22.73	3.86*
15.3	15.3	29.35	9.02	22.73	4.02*
20.0	20.1	29.45	9.00	22.81	5.52
25.2	25.3	29.45	9.00	22.81	4.02*
30.2	30.3	29.48	9.00	22.84	3.56
35.0	35.1	29.55	8.98	22.89	4.89
40.3	40.4	29.68	8.96	23.00	5.96*
45.2	45.4	29.73	8.95	23.04	5.44*
50.1	50.2	29.78	8.95	23.08	7.23*
60.1	60.3	30.04	8.90	23.29	9.14
70.4	70.7	30.24	8.85	23.45	6.15
80.4	80.8	30.39	8.82	23.57	6.42*
90.0	90.4	30.52	8.79	23.67	3.43*
100.2	100.6	30.54	8.78	23.70	5.47*
110.0	110.5	30.70	8.74	23.82	6.77*
120.2	120.8	30.79	8.71	23.90	4.03*
130.1	130.7	30.82	8.70	23.93	3.09*
140.1	140.7	30.86	8.68	23.96	5.87
150.0	150.7	30.99	8.64	24.06	5.82
160.2	160.9	31.01	8.64	24.08	2.99*

MAX DEPTH 166.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 40.90
 DATE 15/11/76
 TIME (PST) 1106

TAPE CZ0/78/ 8- 31
 LONG W123 14.83
 PASS NO. 29
 STN: LINE F-10

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.58	9.01	22.91	14.94
2.2	2.2	29.69	8.95	23.00	10.67
5.1	5.1	29.76	8.93	23.07	7.98
10.3	10.3	29.88	8.91	23.16	7.22
15.1	15.1	30.13	8.85	23.37	11.63
20.3	20.4	30.32	8.79	23.52	9.35
25.1	25.2	30.38	8.78	23.57	5.39*
30.2	30.3	30.44	8.76	23.62	4.53*
35.2	35.3	30.46	8.76	23.63	3.77*
40.1	40.3	30.48	8.75	23.65	4.24*
45.1	45.3	30.51	8.75	23.67	5.56*
50.2	50.4	30.59	8.73	23.74	7.98
60.1	60.4	30.80	8.66	23.92	8.43
70.0	70.4	30.98	8.62	24.06	6.20
80.1	80.5	31.17	8.57	24.21	4.54*
90.2	90.6	31.18	8.56	24.22	2.40*
100.2	100.6	31.23	8.55	24.26	3.55*
110.0	110.6	31.29	8.53	24.31	4.30*
120.1	120.7	31.40	8.51	24.41	5.77*
130.3	130.9	31.52	8.47	24.51	8.33
140.2	140.9	31.62	8.43	24.59	2.40*
150.1	150.9	31.67	8.42	24.63	4.18*
160.2	161.0	31.72	8.40	24.67	3.56*
170.1	171.0	31.74	8.40	24.68	1.50*
180.1	181.0	31.74	8.40	24.69	1.88*
190.2	191.2	31.81	8.37	24.74	5.04
200.1	201.2	31.97	8.31	24.88	4.54*
210.0	211.2	32.01	8.29	24.91	3.97
220.2	221.4	32.02	8.29	24.92	+
230.0	231.3	32.02	8.29	24.92	+
240.1	241.4	32.01	8.30	24.91	+
250.0	251.4	32.05	8.28	24.94	2.26*
260.1	261.5	32.02	8.29	24.92	1.01*
270.1	271.6	32.02	8.30	24.92	+
280.1	281.6	32.04	8.29	24.94	2.30*
290.1	291.7	32.06	8.28	24.95	2.29*
300.2	301.8	32.06	8.28	24.96	2.11*
310.0	311.7	32.11	8.26	24.99	

MAX DEPTH 316.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 39.37
 DATE 15/11/76
 TIME (PST) 1133

TAPE CZ0/78/ 8- 32
 LONG W123 14.17
 PASS NO. 31
 STN: LINE F-9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.84	8.93	23.12	2.85
2.2	2.2	29.86	8.92	23.14	6.76
5.3	5.3	29.91	8.89	23.19	9.83
10.2	10.3	30.16	8.83	23.39	9.80*
15.3	15.4	30.21	8.82	23.43	10.35
20.0	20.1	30.54	8.73	23.70	20.56*
25.2	25.3	30.52	8.74	23.68	6.72*
30.3	30.4	30.63	8.71	23.78	6.36*
35.2	35.4	30.72	8.69	23.84	6.77*
40.1	40.3	30.76	8.68	23.88	6.76
45.0	45.2	30.77	8.68	23.89	6.38*
50.2	50.4	30.86	8.65	23.96	5.20
60.2	60.4	30.86	8.65	23.96	4.94*
70.1	70.5	31.03	8.61	24.10	4.31*
80.0	80.4	30.89	8.65	23.99	7.72*
90.2	90.6	31.19	8.56	24.23	5.86
100.3	100.8	31.49	8.47	24.48	7.25
110.1	110.7	31.62	8.43	24.59	1.95*
120.0	120.6	31.64	8.42	24.61	3.28
130.3	131.0	31.71	8.39	24.66	4.97*
140.1	140.8	31.76	8.38	24.70	1.61*
150.3	151.1	31.74	8.38	24.69	2.76*
160.0	160.9	31.84	8.35	24.77	5.12
170.2	171.1	31.90	8.33	24.82	3.86*
180.0	181.0	31.96	8.31	24.87	4.10*
190.0	191.1	31.98	8.31	24.89	3.40*
200.3	201.3	32.03	8.28	24.93	3.09*
210.0	211.2	32.06	8.27	24.95	4.12*
220.2	221.5	32.21	8.21	25.08	8.46
230.1	231.4	32.34	8.14	25.20	4.17*
240.3	241.7	32.36	8.14	25.21	1.02*
250.2	251.6	32.35	8.14	25.20	+
260.0	261.5	32.36	8.14	25.21	+

MAX DEPTH 267.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 38.07
 DATE 15/11/76
 TIME (PST) 1155

TAPE CZ0/78/ 8- 33
 LONG W123 13.23
 PASS NO. 33
 STN: LINE F-8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.77	9.03	23.05	24.44
2.1	2.1	29.83	9.00	23.11	12.87
5.1	5.1	29.84	8.97	23.12	6.04*
10.1	10.1	29.92	8.91	23.19	5.71*
15.2	15.3	29.95	8.90	23.22	3.97*
20.0	20.1	29.97	8.89	23.23	2.45*
25.2	25.2	29.97	8.88	23.24	2.10*
30.3	30.4	29.98	8.88	23.24	2.36*
35.0	35.1	29.98	8.88	23.24	5.07*
40.3	40.4	30.04	8.87	23.29	7.24
45.3	45.5	30.21	8.82	23.43	7.18
50.3	50.5	30.28	8.81	23.49	10.10*
60.0	60.3	30.30	8.81	23.50	2.84*
70.0	70.3	30.38	8.79	23.57	9.80
80.1	80.4	30.54	8.75	23.70	7.25
90.0	90.4	30.80	8.67	23.92	9.24*
100.1	100.5	30.93	8.65	24.01	5.94*
110.2	110.7	31.29	8.52	24.32	14.35
120.0	120.6	31.37	8.51	24.38	4.72*
130.0	130.7	31.63	8.43	24.59	9.34
140.1	140.9	31.66	8.41	24.62	7.61*
150.2	151.0	31.65	8.41	24.62	+
160.0	160.8	31.69	8.40	24.65	5.37*
170.3	171.2	31.80	8.37	24.73	2.83*
180.3	181.3	31.83	8.36	24.76	4.75
190.0	191.1	31.86	8.35	24.79	3.72*
200.1	201.2	31.97	8.30	24.88	2.92*
210.2	211.3	31.98	8.30	24.89	2.46*
220.0	221.2	32.01	8.28	24.91	5.96
230.0	231.3	32.25	8.19	25.12	4.24
240.1	241.5	32.34	8.15	25.19	3.93*

MAX DEPTH 248.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 36.84
 DATE 15/11/76
 TIME (PSI) 1215

TAPE CZ0/78/ 8- 34
 LONG W123 12.70
 PASS NO. 35
 STN: line F-7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.28	8.83	23.49	2.08
2.2	2.2	30.29	8.82	23.49	1.53*
5.3	5.3	30.31	8.80	23.51	3.91
10.2	10.2	30.34	8.78	23.54	5.15
15.3	15.4	30.38	8.77	23.57	2.94*
20.0	20.1	30.39	8.77	23.58	4.90
25.3	25.4	30.44	8.76	23.62	8.32*
30.0	30.2	30.50	8.75	23.66	8.21
35.3	35.4	30.73	8.71	23.85	15.52
40.2	40.4	30.77	8.68	23.88	5.49*
45.1	45.3	30.78	8.68	23.90	4.38*
50.1	50.3	30.91	8.65	24.00	6.41*
60.0	60.3	30.97	8.62	24.05	2.61*
70.0	70.3	31.00	8.61	24.08	5.28*
80.3	80.6	31.02	8.61	24.09	2.66*
90.2	90.6	31.06	8.60	24.12	3.94
100.1	100.5	31.24	8.55	24.27	7.21
110.1	110.7	31.39	8.50	24.40	5.47*
120.3	120.9	31.49	8.47	24.48	9.05
130.2	130.8	31.62	8.42	24.59	6.68
140.1	140.8	31.81	8.36	24.74	+
150.1	150.9	31.89	8.33	24.81	6.39*
160.2	161.0	31.89	8.33	24.81	+
170.1	171.0	31.95	8.30	24.87	5.89*
180.1	181.0	31.99	8.29	24.90	6.45*
190.2	191.3	32.15	8.22	25.04	3.37*
200.0	201.1	32.21	8.20	25.09	7.30*
210.1	211.3	32.25	8.18	25.12	2.51*
220.1	221.3	32.26	8.18	25.13	1.85*
230.1	231.4	32.27	8.18	25.13	+
240.1	241.4	32.28	8.17	25.14	2.37*
250.1	251.5	32.30	8.16	25.16	.81*

MAX DEPTH 252.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 35.32
 DATE 15/11/76
 TIME (PST) 1237

TAPE CZ0/78/ 8- 35
 LONG W123 12.98
 PASS NO. 37
 STN: LINE F-6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.14	8.89	23.37	14.09*
2.1	2.1	30.24	8.88	23.45	11.07*
5.3	5.3	30.23	8.87	23.44	6.54*
10.1	10.2	30.24	8.87	23.44	3.30*
15.4	15.4	30.39	8.79	23.58	3.29*
20.2	20.2	30.39	8.79	23.57	3.75*
25.3	25.4	30.43	8.78	23.61	4.55*
30.2	30.3	30.46	8.77	23.63	4.65*
35.2	35.3	30.49	8.76	23.66	4.22*
40.1	40.2	30.52	8.75	23.68	3.68*
45.1	45.3	30.55	8.74	23.70	3.06*
50.2	50.4	30.56	8.74	23.72	4.33*
60.1	60.3	30.78	8.69	23.89	7.28
70.3	70.6	30.92	8.64	24.01	3.04*
80.2	80.5	30.95	8.64	24.04	1.09*
90.3	90.7	30.97	8.63	24.05	2.79*
100.1	100.6	31.00	8.63	24.07	4.54
110.1	110.6	31.16	8.58	24.21	7.06*
120.3	120.9	31.43	8.49	24.43	6.72*
130.0	130.7	31.61	8.43	24.58	5.44*
140.2	140.9	31.67	8.41	24.63	10.76
150.1	150.8	31.79	8.36	24.73	3.99*
160.0	160.9	31.90	8.32	24.82	3.68
170.1	171.0	31.92	8.32	24.84	3.05*
180.0	181.0	31.93	8.31	24.85	1.31*
190.1	191.1	31.92	8.32	24.84	2.91*
200.1	201.2	31.94	8.32	24.85	4.68*
210.2	211.4	32.05	8.27	24.95	4.82*
220.1	221.3	32.14	8.23	25.03	4.32*
230.3	231.6	32.22	8.20	25.09	4.38*
240.1	241.4	32.25	8.18	25.12	4.22*
250.3	251.7	32.34	8.15	25.19	3.57*
260.1	261.6	32.35	8.14	25.20	5.57

MAX DEPTH 269.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 33.75
 DATE 15/11/76
 TIME (PST) 1259

TAPE CZ078/ 8- 36
 LONG W123 12.67
 PASS NO. 39
 STN: LINE F-5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-v
.0	.0	29.93	8.93	23.19	6.39*
2.3	2.3	29.96	8.92	23.22	6.73*
5.1	5.1	29.99	8.91	23.25	7.23*
10.2	10.2	30.12	8.86	23.35	7.01
15.3	15.4	30.20	8.83	23.42	6.19*
20.3	20.4	30.29	8.80	23.50	6.02
25.1	25.2	30.33	8.79	23.53	7.03
30.2	30.3	30.39	8.78	23.58	5.04
35.1	35.2	30.50	8.75	23.67	6.19
40.3	40.4	30.53	8.75	23.69	4.17*
45.2	45.4	30.56	8.74	23.72	4.76
50.2	50.5	30.58	8.73	23.73	4.60*
60.3	60.6	30.76	8.69	23.88	10.00*
70.2	70.5	30.88	8.66	23.98	7.58*
80.1	80.5	31.10	8.59	24.16	10.19
90.2	90.7	31.31	8.53	24.33	6.13
100.1	100.6	31.44	8.48	24.44	5.33*
110.1	110.7	31.46	8.47	24.46	2.70*
120.2	120.9	31.50	8.46	24.49	4.16
130.2	130.9	31.54	8.45	24.52	3.77*
140.2	140.9	31.61	8.43	24.58	5.53*
150.2	151.0	31.83	8.34	24.76	5.36*
160.2	161.1	31.92	8.31	24.84	4.34
170.1	171.0	31.96	8.29	24.88	3.71
180.1	181.1	31.99	8.28	24.90	3.87*
190.2	191.3	32.04	8.26	24.94	3.97
200.1	201.2	32.18	8.20	25.06	2.93*
210.1	211.3	32.21	8.20	25.08	2.69*
220.2	221.4	32.26	8.17	25.12	3.95*
230.2	231.5	32.31	8.15	25.17	4.00*
240.3	241.6	32.32	8.15	25.18	2.35*
250.1	251.5	32.34	8.14	25.19	3.70
260.1	261.6	32.36	8.14	25.21	1.38*
270.2	271.8	32.36	8.14	25.21	.84*
280.1	281.7	32.37	8.13	25.22	2.23*
290.1	291.8	32.38	8.13	25.23	

MAX DEPTH 297.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 32.65
 DATE 15/11/76
 TIME (PST) 1321

TAPE C20/78/ 8- 37
 LONG W123 11.52
 PASS NO. 41
 STN: LINE F-4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.90	8.96	23.17	9.02*
2.1	2.1	29.91	8.95	23.18	2.98*
5.3	5.3	30.04	8.88	23.29	8.06*
10.4	10.4	30.14	8.85	23.37	7.11*
15.1	15.2	30.21	8.84	23.43	6.15*
20.1	20.2	30.25	8.83	23.46	4.64
25.3	25.4	30.32	8.81	23.52	5.28*
30.1	30.2	30.39	8.79	23.58	5.57
35.0	35.2	30.44	8.78	23.62	6.46
40.3	40.4	30.48	8.77	23.65	7.33*
45.0	45.2	30.56	8.76	23.71	6.59
50.3	50.5	30.62	8.75	23.76	9.14
60.1	60.4	30.72	8.72	23.84	4.56
70.0	70.3	30.87	8.66	23.97	5.72*
80.3	80.7	31.01	8.62	24.08	4.87
90.0	90.4	31.08	8.61	24.14	4.01*
100.1	100.6	31.14	8.59	24.19	4.08
110.1	110.6	31.25	8.56	24.28	6.98*
120.0	120.6	31.51	8.47	24.49	8.06
130.1	130.8	31.69	8.41	24.65	10.37
140.2	141.0	31.82	8.36	24.75	4.47
150.1	150.9	31.96	8.30	24.87	5.29
160.2	161.1	31.99	8.29	24.90	3.81
170.2	171.2	32.08	8.26	24.97	5.48*
180.2	181.3	32.17	8.22	25.05	2.66
190.3	191.3	32.20	8.20	25.08	3.40*
200.3	201.4	32.26	8.18	25.12	4.01*
210.1	211.3	32.30	8.16	25.16	3.95*
220.1	221.4	32.31	8.16	25.17	+
230.1	231.4	32.32	8.16	25.17	+
240.2	241.6	32.33	8.16	25.18	+
250.0	251.5	32.33	8.15	25.18	1.04*

MAX DEPTH 251.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 31.26
 DATE 15/11/76
 TIME (PST) 1341

TAPE CZ0/78/ 8- 38
 LONG W123 10.59
 PASS NO. 43
 STN: LINE F-3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	30.65	8.75	23.78	2.08*
2.0	2.0	30.65	8.75	23.78	1.05*
5.0	5.0	30.66	8.74	23.79	2.75*
10.3	10.4	30.69	8.73	23.82	3.41*
15.2	15.2	30.67	8.74	23.80	4.07*
20.4	20.5	30.74	8.72	23.86	4.02*
25.0	25.1	30.77	8.71	23.88	3.90*
30.1	30.2	30.81	8.69	23.92	3.80*
35.1	35.2	30.84	8.68	23.94	3.69*
40.1	40.2	30.88	8.67	23.98	3.44*
45.2	45.5	30.92	8.66	24.01	3.18*
50.3	50.5	30.92	8.66	24.01	5.70
60.3	60.5	30.99	8.63	24.07	3.57*
70.2	70.5	31.01	8.63	24.08	2.97*
80.0	80.4	31.05	8.61	24.12	3.14*
90.2	90.7	31.09	8.60	24.15	6.39*
100.2	100.7	31.23	8.57	24.26	2.22*
110.2	110.7	31.24	8.56	24.27	4.43
120.1	120.7	31.42	8.50	24.42	6.83*
130.3	130.9	31.48	8.48	24.47	6.33*
140.2	140.9	31.72	8.41	24.67	7.80
150.2	151.0	31.87	8.34	24.80	3.40*
160.1	161.0	31.89	8.33	24.81	3.63*
170.3	171.2	31.94	8.31	24.85	3.23*
180.2	181.2	31.96	8.31	24.87	2.51*
190.3	191.3	31.98	8.30	24.89	1.79*
200.1	201.2	31.99	8.30	24.90	2.33*
210.2	211.3	31.99	8.30	24.90	+
220.2	221.4	32.10	8.26	24.99	9.03
230.2	231.5	32.22	8.20	25.09	+
240.1	241.4	32.23	8.20	25.09	+
250.1	251.5	32.23	8.20	25.10	+

MAX DEPTH 252.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 30.31
 DATE 15/11/76
 TIME (PST) 1358

TAPE CZ0/78/ 8- 39
 LONG W123 9.38
 PASS NO. 45
 STN: LINE F-2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.52	8.79	23.68	7.18*
2.0	2.1	30.52	8.79	23.67	.34*
5.1	5.2	30.51	8.79	23.67	6.00*
10.2	10.3	30.51	8.79	23.67	+
15.1	15.2	30.49	8.79	23.65	+
20.1	20.2	30.49	8.80	23.65	3.36*
25.3	25.4	30.51	8.80	23.67	4.28*
30.3	30.4	30.59	8.80	23.73	3.70*
35.3	35.4	30.54	8.80	23.69	+
40.0	40.2	30.55	8.80	23.70	2.54*
45.1	45.3	30.57	8.80	23.72	1.90*
50.2	50.5	30.59	8.79	23.73	3.68*
60.1	60.4	30.69	8.75	23.81	10.30
70.3	70.6	30.91	8.68	23.99	7.30*
80.1	80.4	31.06	8.63	24.12	5.69
90.2	90.7	31.09	8.62	24.15	6.11
100.2	100.6	31.27	8.56	24.29	5.92*
110.3	110.8	31.30	8.55	24.32	3.53
120.1	120.7	31.31	8.55	24.33	+
130.0	130.6	31.34	8.54	24.35	+
140.1	140.8	31.48	8.48	24.47	9.31*
150.1	150.9	31.82	8.36	24.75	7.37*
160.0	160.9	31.91	8.33	24.83	6.60
170.1	171.0	31.94	8.31	24.85	+
180.0	181.0	31.97	8.30	24.88	4.22
190.1	191.1	32.02	8.28	24.92	5.40*
200.1	201.2	32.11	8.24	25.00	7.88*
210.3	211.4	32.24	8.18	25.11	1.63*
220.1	221.4	32.25	8.18	25.12	.73*
230.1	231.4	32.25	8.18	25.11	+
240.2	241.5	32.25	8.18	25.12	.44*
250.1	251.5	32.25	8.18	25.12	.76*
260.2	261.7	32.25	8.19	25.12	1.32*
270.1	271.7	32.26	8.18	25.12	+
280.2	281.8	32.25	8.19	25.11	+
290.4	292.0	32.29	8.18	25.15	2.34*
300.1	301.8	32.29	8.18	25.15	4.25*
310.1	311.8	32.30	8.17	25.16	

MAX DEPTH 317.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.66
 DATE 15/11/76
 TIME (PST) 1421

TAPE CZ0/78/ 8- 40
 LONG W123 8.60
 PASS NO. 47
 STN: LINE F-1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.56	8.82	23.71	2.28*
2.3	2.3	30.56	8.82	23.70	.99*
5.0	5.0	30.56	8.82	23.70	2.56*
10.2	10.3	30.58	8.80	23.72	2.83*
15.1	15.2	30.59	8.79	23.73	3.11*
20.0	20.1	30.61	8.78	23.75	6.00*
25.2	25.3	30.66	8.75	23.79	8.90*
30.1	30.2	30.88	8.67	23.98	8.10
35.2	35.3	30.92	8.66	24.01	4.74*
40.2	40.4	30.93	8.66	24.02	6.53
45.2	45.5	31.04	8.63	24.11	6.36
50.2	50.5	31.12	8.61	24.17	8.25
60.1	60.4	31.44	8.49	24.44	9.81*
70.1	70.5	31.49	8.46	24.48	4.06
80.3	80.7	31.49	8.47	24.48	+
90.1	90.5	31.49	8.47	24.48	5.77
100.0	100.5	31.71	8.38	24.67	7.75*
110.1	110.7	31.69	8.39	24.65	+
120.3	120.9	31.75	8.37	24.70	+
130.2	130.9	31.78	8.35	24.72	+
140.2	141.0	31.79	8.35	24.73	+
150.2	151.0	31.97	8.27	24.89	6.35
160.2	161.1	32.24	8.16	25.11	2.85*
170.2	171.2	32.20	8.17	25.08	+
180.0	181.0	32.25	8.15	25.12	2.99*
190.1	191.1	32.26	8.15	25.13	3.73*
200.0	201.2	32.32	8.12	25.18	2.99*
210.0	211.2	32.34	8.12	25.20	1.33*
220.2	221.5	32.34	8.12	25.20	1.22*
230.1	231.5	32.35	8.12	25.20	+
240.1	241.5	32.35	8.12	25.21	1.80*
250.2	251.7	32.36	8.11	25.21	2.05*
260.2	261.7	32.38	8.10	25.23	+

MAX DEPTH 263.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 27.36
 DATE 16/11/76
 TIME (PST) 0713

TAPE CZ0/78/ 8- 41
 LONG W123 15.61
 PASS NO. 49
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.75	9.00	23.04	16.07
2.0	2.0	29.88	8.95	23.15	10.53
5.2	5.2	29.93	8.94	23.20	6.69*
10.1	10.2	30.00	8.92	23.25	5.14
15.3	15.4	30.02	8.92	23.26	5.37
20.0	20.1	30.02	8.92	23.27	4.92
25.2	25.3	30.01	8.92	23.26	+
30.3	30.4	30.03	8.91	23.27	
35.3	35.5	30.05	8.91	23.29	+
MAX DEPTH	38.0				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 27.78
 DATE 16/11/76
 TIME (PST) 0721

TAPE CZ0/78/ 8- 42
 LONG W123 14.72
 PASS NO. 51
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.92	8.95	23.19	29.91*
2.2	2.2	29.95	8.94	23.21	22.54*
5.2	5.3	29.94	8.94	23.20	11.48*
10.4	10.4	29.96	8.93	23.22	5.39
15.3	15.3	29.99	8.92	23.24	7.22
20.2	20.3	29.96	8.94	23.22	+
25.2	25.2	30.01	8.92	23.26	4.31
30.2	30.3	30.05	8.91	23.29	8.02
35.1	35.3	30.04	8.91	23.28	+

MAX DEPTH 39.4

CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.02
 DATE 16/11/76
 TIME (PST) 0735

TAPE CZ0/78/ 8- 43
 LONG W123 13.86
 PASS NO. 53
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.62	9.01	22.94	59.24
2.2	2.2	29.61	9.01	22.94	26.07
5.1	5.2	29.69	8.98	23.00	8.85
10.3	10.3	29.72	8.96	23.03	3.72*
15.2	15.2	29.73	8.96	23.03	2.69*
20.4	20.4	29.73	8.96	23.04	5.53*
25.1	25.2	29.86	8.94	23.14	6.20*
30.1	30.2	29.88	8.94	23.16	3.40*
35.1	35.2	29.89	8.95	23.16	2.98*
40.1	40.3	29.90	8.95	23.17	6.52*
45.2	45.4	30.05	8.91	23.29	13.84
50.3	50.5	30.70	8.71	23.83	20.26

MAX DEPTH 52.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.25
 DATE 16/11/76
 TIME (PST) 0748

TAPE CZ0/78/ 8- 44
 LONG W123 13.23
 PASS NO. 55
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.59	9.01	22.92	11.70*
2.1	2.1	29.67	8.98	22.98	9.85*
5.3	5.3	29.67	8.98	22.98	7.07*
10.1	10.1	29.73	8.97	23.04	6.48
15.1	15.2	29.81	8.94	23.10	7.39*
20.2	20.3	29.80	8.95	23.09	+
25.0	25.1	29.81	8.94	23.10	2.49*
30.2	30.3	29.80	8.95	23.09	.53
35.2	35.3	29.80	8.95	23.09	1.26
40.3	40.4	29.80	8.95	23.09	+
45.1	45.3	29.81	8.95	23.10	2.71
50.0	50.2	29.81	8.95	23.10	+
60.3	60.5	29.99	8.92	23.24	11.36*
70.0	70.3	30.67	8.71	23.81	4.06

MAX DEPTH 72.2

CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.48
 DATE 16/11/76
 TIME (PST) 0759

TAPE CZ0/78/ 8- 45
 LONG W123 12.43
 PASS NO. 57
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.78	8.94	23.07	7.21
2.1	2.1	29.75	8.95	23.06	2.64*
5.0	5.0	29.86	8.92	23.14	6.73
10.1	10.1	29.91	8.92	23.19	6.26
15.3	15.3	29.93	8.91	23.20	3.40*
20.0	20.1	29.95	8.91	23.21	2.14*
25.3	25.4	29.95	8.91	23.21	2.65*
30.2	30.3	29.96	8.91	23.22	2.52*
35.2	35.3	29.97	8.90	23.23	1.89*
40.1	40.3	29.97	8.90	23.23	2.75
45.2	45.4	29.97	8.90	23.23	4.70
50.2	50.4	29.97	8.90	23.23	+
60.1	60.4	30.39	8.81	23.57	+
70.4	70.7	30.63	8.73	23.77	+
80.0	80.4	30.70	8.70	23.83	5.52
90.0	90.5	30.98	8.62	24.06	9.98*
100.2	100.6	31.11	8.58	24.16	7.74
110.2	110.7	31.19	8.55	24.24	3.44*
120.1	120.6	31.26	8.53	24.29	+
130.2	130.9	31.58	8.42	24.56	+

MAX DEPTH 138.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.74
 DATE 16/11/76
 TIME (PST) 0810

TAPE CZ0/78/ 8- 46
 LONG W123 11.86
 PASS NO. 59
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.79	8.94	23.08	+
2.0	2.0	29.79	8.95	23.08	1.35*
5.3	5.3	29.79	8.94	23.08	3.37
10.1	10.1	29.84	8.93	23.13	7.03
15.1	15.2	29.93	8.91	23.20	6.52
20.3	20.4	30.02	8.88	23.27	5.19*
25.3	25.4	30.03	8.88	23.28	2.70*
30.3	30.4	30.04	8.88	23.29	2.36*
35.1	35.3	30.05	8.88	23.30	2.14*
40.1	40.2	30.06	8.88	23.31	3.22*
45.2	45.3	30.12	8.87	23.35	4.32*
50.1	50.2	30.12	8.87	23.35	4.92
60.1	60.3	30.53	8.75	23.69	8.78
70.0	70.3	30.59	8.73	23.74	4.92*
80.0	80.4	30.71	8.70	23.84	7.87
90.1	90.5	31.10	8.58	24.16	10.12
100.2	100.7	31.78	8.35	24.73	10.27
110.0	110.6	32.00	8.27	24.91	+

MAX DEPTH 111.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.95
 DATE 16/11/76
 TIME (PST) 0822

TAPE CZ0/78/ 8- 47
 LONG W123 11.04
 PASS NO. 61
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.82	8.94	23.11	10.23
2.0	2.1	29.83	8.94	23.12	8.23
5.1	5.1	29.88	8.92	23.16	13.20
10.0	10.0	30.05	8.88	23.30	8.05*
15.2	15.3	30.12	8.85	23.35	4.99*
20.4	20.5	30.14	8.85	23.38	2.76*
25.1	25.2	30.15	8.84	23.38	1.92*
30.0	30.2	30.16	8.84	23.39	1.56*
35.2	35.4	30.17	8.84	23.39	3.38*
40.2	40.3	30.16	8.84	23.39	5.98*
45.0	45.2	30.35	8.80	23.54	6.04*
50.0	50.2	30.38	8.79	23.57	5.19*
60.0	60.3	30.43	8.78	23.61	4.30*
70.1	70.4	30.62	8.73	23.76	9.94
80.2	80.6	30.77	8.67	23.89	3.79*
90.1	90.5	30.96	8.62	24.05	6.06
100.1	100.6	31.55	8.42	24.54	12.50
110.1	110.6	31.73	8.36	24.68	4.61*
120.1	120.8	31.82	8.33	24.76	3.00*
130.3	131.0	31.83	8.33	24.77	2.50*
140.0	140.8	31.91	8.31	24.83	5.48*
150.3	151.1	32.02	8.26	24.92	4.64*
160.1	161.0	32.05	8.25	24.95	3.29*
170.3	171.2	32.06	8.25	24.95	+
180.2	181.2	32.05	8.25	24.95	+
190.0	191.1	32.09	8.23	24.98	6.49
200.2	201.3	32.08	8.24	24.97	+

MAX DEPTH 204.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 16/11/76
 TIME (PST) 0835

TAPE CZ0/78/ 8- 48
 LONG W123 10.40
 PASS NO. 63
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.97	8.90	23.23	20.30
2.2	2.2	30.02	8.88	23.27	14.04
5.0	5.0	30.10	8.86	23.34	5.28
10.1	10.2	30.26	8.81	23.47	4.39*
15.3	15.3	30.27	8.81	23.48	2.90*
20.1	20.2	30.31	8.80	23.51	3.96
25.3	25.4	30.37	8.79	23.56	8.29
30.1	30.2	30.40	8.78	23.59	4.17*
35.1	35.2	30.42	8.77	23.60	3.09*
40.2	40.4	30.44	8.77	23.61	2.96*
45.1	45.3	30.46	8.77	23.63	3.64*
50.1	50.3	30.49	8.76	23.66	4.53*
60.1	60.4	30.56	8.73	23.72	4.68*
70.2	70.5	30.72	8.69	23.85	8.61
80.2	80.6	31.17	8.55	24.22	5.21*
90.2	90.7	31.22	8.53	24.26	5.06*
100.1	100.6	31.26	8.52	24.29	3.81
110.2	110.7	31.32	8.50	24.34	4.05*
120.1	120.7	31.36	8.49	24.38	4.08
130.4	131.0	31.47	8.46	24.47	5.52
140.1	140.8	31.64	8.42	24.60	9.09
150.1	150.9	31.84	8.34	24.77	4.13*
160.3	161.2	31.93	8.31	24.84	5.22*
170.2	171.1	32.05	8.26	24.95	5.24
180.3	181.3	32.13	8.22	25.01	1.39*
190.1	191.2	32.19	8.20	25.07	5.62*
200.1	201.2	32.29	8.15	25.15	3.94*

MAX DEPTH 206.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 29.46
 DATE 16/11/76
 TIME (PST) 0849

TAPE CZ0/78/ 8- 49
 LONG W123 9.50
 PASS NO. 65
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.13	8.87	23.36	+
2.1	2.1	30.16	8.86	23.39	8.10
5.1	5.1	30.28	8.81	23.48	4.87
10.2	10.2	30.44	8.77	23.62	8.19
15.0	15.1	30.54	8.74	23.70	4.62
20.1	20.2	30.55	8.74	23.71	1.97*
25.2	25.3	30.55	8.74	23.71	1.51*
30.3	30.4	30.55	8.74	23.70	1.64*
35.2	35.4	30.55	8.74	23.71	2.17*
40.3	40.5	30.56	8.74	23.72	2.81*
45.0	45.2	30.58	8.73	23.73	4.29*
50.1	50.3	30.59	8.73	23.74	6.05*
60.2	60.4	30.71	8.69	23.84	3.21*
70.2	70.5	30.75	8.68	23.88	4.51*
80.0	80.4	30.85	8.65	23.95	6.52*
90.2	90.6	30.98	8.61	24.06	4.93*
100.2	100.6	31.07	8.59	24.14	6.88
110.1	110.6	31.24	8.54	24.27	5.10
120.1	120.7	31.34	8.52	24.35	4.53
130.1	130.8	31.47	8.48	24.46	5.26
140.1	140.8	31.67	8.41	24.63	6.83*
150.3	151.0	31.71	8.40	24.66	3.02*
160.1	160.9	31.71	8.39	24.67	4.95
170.2	171.1	31.77	8.37	24.71	2.39*
180.3	181.3	31.80	8.36	24.74	2.50*
190.2	191.2	31.81	8.36	24.74	3.23
200.2	201.3	31.86	8.34	24.79	4.68*
210.0	211.2	32.00	8.29	24.91	4.92
220.2	221.5	32.29	8.15	25.16	3.95*
230.1	231.4	32.35	8.12	25.21	5.18*
240.3	241.7	32.45	8.07	25.29	8.46
250.3	251.7	32.48	8.06	25.32	3.00*
260.2	261.8	32.53	8.03	25.36	4.69*
270.2	271.8	32.61	8.00	25.42	4.64
280.2	281.8	32.64	7.98	25.45	

MAX DEPTH 285.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 16/11/76
 TIME (PST) 0905

TAPE CZ0/78/ 8- 50
 LONG W123 8.86
 PASS NO. 67
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.22	8.85	23.44	27.79*
2.3	2.3	30.22	8.85	23.43	23.26*
5.3	5.3	30.24	8.83	23.45	16.47*
10.2	10.3	30.59	8.74	23.74	8.48
15.1	15.2	30.67	8.72	23.80	5.03
20.1	20.2	30.69	8.72	23.82	3.05*
25.1	25.2	30.71	8.71	23.83	4.31*
30.2	30.3	30.70	8.72	23.82	6.70*
35.0	35.2	30.86	8.67	23.96	5.23
40.2	40.4	30.91	8.66	24.00	6.22*
45.2	45.4	30.91	8.66	24.00	2.46*
50.1	50.3	30.92	8.66	24.00	3.84
60.1	60.4	30.93	8.65	24.01	+
70.1	70.4	30.95	8.64	24.03	2.32*
80.0	80.4	30.96	8.63	24.05	1.26*
90.2	90.6	30.98	8.63	24.06	1.83*
100.2	100.6	30.98	8.63	24.06	+
110.4	110.9	30.97	8.62	24.05	+
120.2	120.7	30.98	8.62	24.06	1.58*
130.2	130.8	30.99	8.62	24.07	2.98*
140.2	140.8	31.03	8.61	24.10	4.34
150.1	150.8	31.09	8.59	24.15	4.33*
160.1	160.8	31.24	8.55	24.27	5.58
170.3	171.1	31.37	8.51	24.38	4.17*
180.3	181.2	31.40	8.50	24.41	4.70*
190.0	191.0	31.48	8.48	24.47	3.41*
200.0	201.0	31.50	8.47	24.48	2.63*
210.1	211.2	31.53	8.46	24.51	3.17*
220.2	221.3	31.68	8.41	24.64	6.35
230.2	231.4	31.51	8.47	24.50	+
240.2	241.4	31.63	8.43	24.59	+
250.2	251.5	31.83	8.37	24.76	+
260.3	261.7	32.14	8.24	25.02	+
270.1	271.6	32.37	8.13	25.22	+
280.3	281.9	32.39	8.12	25.24	+
290.1	291.8	32.39	8.12	25.24	4.06
300.1	301.8	32.46	8.09	25.29	3.82*
310.0	311.8	32.53	8.05	25.35	4.57

MAX DEPTH 313.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 27.30
 DATE 16/11/76
 TIME (PST) 1025

TAPE CZ0/78/ 8- 51
 LONG W123 15.61
 PASS NO. 69
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.55	9.07	22.88	15.07
2.1	2.1	29.68	9.02	22.99	12.81
5.1	5.2	29.75	8.99	23.05	10.81
10.0	10.1	29.84	8.97	23.12	4.59*
15.1	15.1	29.87	8.96	23.15	4.54*
20.2	20.2	29.90	8.95	23.17	5.55*
25.2	25.3	29.96	8.93	23.22	5.98*
30.0	30.1	30.02	8.92	23.27	5.42*
35.0	35.2	30.03	8.91	23.28	5.61
MAX DEPTH	38.7				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 27.78
 DATE 16/11/76
 TIME (PST) 1033

TAPE CZ0/78/ 8- 52
 LONG W123 14.72
 PASS NO. 71
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.90	8.94	23.17	6.98
2.0	2.0	29.91	8.93	23.18	11.30
5.1	5.1	29.99	8.90	23.25	13.56
10.1	10.1	30.03	8.90	23.28	2.58*
15.2	15.2	30.05	8.90	23.29	1.04*
20.1	20.2	30.07	8.89	23.31	2.01*
25.2	25.3	30.08	8.89	23.32	5.30
30.1	30.3	30.20	8.87	23.41	11.99*
35.1	35.3	30.26	8.84	23.46	9.93*
40.0	40.2	30.49	8.77	23.65	6.20*

MAX DEPTH 40.8

CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.02
 DATE 16/11/76
 TIME (PST) 1044

TAPE CZ0/78/ 8- 53
 LONG W123 13.86
 PASS NO. 73
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.93	8.94	23.20	7.60
2.2	2.2	29.97	8.92	23.22	8.45
5.1	5.2	30.02	8.90	23.27	6.67*
10.2	10.3	30.03	8.89	23.28	1.78*
15.1	15.1	30.04	8.89	23.29	1.27*
20.2	20.2	30.04	8.89	23.29	1.16*
25.2	25.3	30.04	8.89	23.28	3.49*
30.3	30.4	30.08	8.88	23.32	6.29
35.3	35.4	30.22	8.84	23.43	10.96
40.0	40.2	30.36	8.80	23.55	7.16
45.3	45.5	30.44	8.77	23.62	+
50.3	50.5	30.57	8.74	23.72	

MAX DEPTH 53.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.25
 DATE 16/11/76
 TIME (PST) 1054

TAPE CZ0/78/ 8- 54
 LONG W123 13.23
 PASS NO. 75

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.10	8.93	23.33	2.28
2.1	2.1	30.09	8.93	23.32	1.28*
5.4	5.4	30.12	8.88	23.35	3.26
10.2	10.2	30.12	8.88	23.35	4.23
15.0	15.1	30.23	8.83	23.45	12.45*
20.2	20.3	30.30	8.81	23.50	7.34
25.1	25.2	30.46	8.77	23.63	18.54
30.1	30.3	30.68	8.70	23.82	10.17*
35.2	35.4	30.71	8.69	23.84	4.20*
40.1	40.3	30.80	8.66	23.91	4.77
45.1	45.3	30.91	8.63	24.00	10.66*
50.0	50.3	31.35	8.49	24.37	11.00
60.1	60.4	31.50	8.44	24.49	6.65
70.2	70.6	31.63	8.39	24.60	+

MAX DEPTH 77.4

CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.48
 DATE 16/11/76
 TIME (PST) 1106

TAPE CZ0/78/ 8- 55
 LONG W123 12.43
 PASS NO. 77
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.15	8.87	23.38	4.82*
2.0	2.0	30.19	8.85	23.41	4.75*
5.1	5.1	30.19	8.85	23.41	4.65*
10.0	10.1	30.19	8.85	23.41	+
15.3	15.3	30.19	8.85	23.41	4.31*
20.0	20.1	30.25	8.83	23.46	4.69*
25.3	25.4	30.28	8.82	23.49	5.58*
30.2	30.3	30.35	8.80	23.54	7.51
35.1	35.2	30.45	8.77	23.63	8.00
40.2	40.3	30.62	8.72	23.76	6.09*
45.1	45.3	30.65	8.71	23.79	3.82*
50.2	50.5	30.69	8.69	23.82	4.71
60.3	60.5	30.76	8.68	23.88	7.96
70.2	70.5	31.35	8.49	24.37	9.27
80.1	80.5	31.60	8.41	24.58	4.62*
90.2	90.7	31.68	8.38	24.64	9.85
100.2	100.7	31.76	8.35	24.71	+
110.2	110.8	31.86	8.32	24.79	+
120.2	120.8	31.94	8.28	24.86	2.48*
130.1	130.8	31.95	8.29	24.86	1.21*
140.0	140.8	31.96	8.28	24.87	

MAX DEPTH 140.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.74
 DATE 16/11/76
 TIME (PST) 1121

TAPE CZ0/78/ 8- 56
 LONG W123 11.86
 PASS NO. 79
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.26	8.88	23.46	1.36
2.2	2.2	30.26	8.86	23.47	1.16*
5.1	5.2	30.30	8.83	23.50	2.90
10.0	10.1	30.26	8.83	23.46	4.44
15.1	15.2	30.27	8.82	23.48	4.54*
20.1	20.2	30.32	8.81	23.51	7.03
25.2	25.3	30.33	8.80	23.53	8.21*
30.2	30.4	30.41	8.78	23.59	4.09*
35.2	35.3	30.41	8.78	23.59	3.18*
40.1	40.2	30.41	8.77	23.59	3.10
45.1	45.2	30.47	8.76	23.64	6.91
50.3	50.5	30.53	8.74	23.69	4.89*
60.0	60.3	30.54	8.74	23.70	5.95*
70.2	70.5	30.73	8.68	23.85	6.44*
80.3	80.7	30.90	8.63	24.00	11.06
90.1	90.6	31.62	8.41	24.59	15.36
100.2	100.7	31.74	8.36	24.70	5.93*
110.3	110.9	31.95	8.29	24.86	11.77
120.1	120.7	32.17	8.20	25.05	

MAX DEPTH 122.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 16/11/76
 TIME (PST) 1133

TAPE CZ0/78/ 8- 57
 LONG W123 11.04
 PASS NO. 81
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.19	8.89	23.41	3.03
2.3	2.3	30.19	8.88	23.41	4.84
5.3	5.3	30.25	8.85	23.46	8.02
10.2	10.2	30.41	8.80	23.59	8.35
15.4	15.4	30.44	8.78	23.62	3.55*
20.3	20.4	30.44	8.78	23.62	2.62*
25.2	25.3	30.46	8.77	23.63	2.70*
30.0	30.2	30.46	8.77	23.63	3.56
35.0	35.2	30.52	8.75	23.68	5.60*
40.1	40.3	30.65	8.71	23.79	8.14*
45.2	45.4	30.70	8.69	23.83	8.02*
50.2	50.4	30.76	8.67	23.88	7.60
60.3	60.5	31.03	8.58	24.10	3.56*
70.2	70.5	31.06	8.58	24.13	2.38*
80.0	80.4	31.08	8.57	24.15	2.09*
90.3	90.7	31.09	8.57	24.16	3.33*
100.1	100.5	31.11	8.56	24.17	3.32*
110.0	110.6	31.15	8.55	24.20	3.40*
120.0	120.6	31.19	8.53	24.24	5.90*
130.1	130.7	31.34	8.49	24.36	6.75
140.3	141.0	31.79	8.35	24.73	10.22
150.3	151.1	31.89	8.31	24.82	7.48*
160.2	161.1	31.95	8.28	24.87	3.71*
170.2	171.1	32.00	8.26	24.91	3.84
180.2	181.2	31.98	8.27	24.90	+
190.0	191.1	32.11	8.22	25.00	5.82
200.1	201.2	32.22	8.18	25.09	

MAX DEPTH 200.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 16/11/76
 TIME (PST) 1146

TAPE CZ0/78/ 8- 58
 LONG W123 10.40
 PASS NO. 83
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.09	8.99	23.31	11.19
2.0	2.0	30.13	8.87	23.36	9.07
5.2	5.3	30.23	8.83	23.45	8.66
10.1	10.1	30.34	8.80	23.53	6.27*
15.1	15.1	30.37	8.79	23.56	3.82
20.1	20.1	30.40	8.78	23.58	4.60*
25.2	25.3	30.46	8.76	23.63	3.97*
30.2	30.3	30.48	8.76	23.65	2.49*
35.3	35.5	30.47	8.76	23.64	.97*
40.1	40.3	30.50	8.75	23.67	4.15
45.2	45.4	30.57	8.74	23.72	5.64
50.1	50.3	30.58	8.73	23.73	4.16*
60.1	60.3	30.62	8.72	23.77	5.01
70.2	70.5	30.84	8.66	23.95	8.48*
80.3	80.6	30.98	8.61	24.06	4.20*
90.2	90.6	31.03	8.60	24.10	4.49*
100.2	100.6	31.08	8.59	24.14	3.83*
110.2	110.7	31.13	8.58	24.18	4.15*
120.2	120.7	31.18	8.57	24.22	2.49*
130.3	130.9	31.28	8.54	24.30	6.38*
140.0	140.7	31.34	8.52	24.36	5.63*
150.3	151.0	31.43	8.49	24.43	6.31
160.3	161.2	31.68	8.39	24.64	6.99*
170.1	171.0	31.83	8.33	24.76	5.29*
180.3	181.2	31.84	8.34	24.78	6.56
190.1	191.2	32.02	8.25	24.93	5.80
200.1	201.2	32.11	8.23	25.00	4.97

MAX DEPTH 205.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 29.46
 DATE 16/11/76
 TIME (PST) 1201

TAPE CZ0/78/ 8- 59
 LONG W123 9.50
 PASS NO. 85
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.28	8.91	23.47	6.09
2.0	2.0	30.29	8.87	23.49	7.27
5.2	5.2	30.32	8.81	23.52	7.19*
10.2	10.2	30.35	8.80	23.54	5.53
15.3	15.4	30.44	8.78	23.62	4.28
20.2	20.3	30.52	8.75	23.68	6.36*
25.1	25.2	30.62	8.72	23.76	4.87*
30.1	30.2	30.64	8.72	23.78	2.89*
35.2	35.3	30.65	8.72	23.79	1.73*
40.2	40.4	30.64	8.72	23.78	1.89*
45.3	45.5	30.65	8.72	23.79	2.08*
50.1	50.3	30.66	8.72	23.79	2.33*
60.0	60.3	30.69	8.71	23.82	1.93*
70.1	70.4	30.69	8.71	23.82	4.16*
80.2	80.6	30.78	8.69	23.90	4.83*
90.1	90.5	30.85	8.66	23.95	3.09*
100.3	100.8	30.90	8.64	23.99	4.40*
110.2	110.7	30.94	8.64	24.03	3.19*
120.0	120.6	30.99	8.62	24.07	4.17
130.3	130.9	31.07	8.60	24.13	5.45
140.0	140.7	31.17	8.57	24.21	4.31*
150.2	150.9	31.18	8.56	24.23	2.31*
160.0	160.8	31.25	8.54	24.28	6.51
170.2	171.1	31.79	8.34	24.73	9.09
180.3	181.2	31.81	8.34	24.75	+
190.3	191.3	31.93	8.29	24.85	10.92
200.2	201.3	32.09	8.22	24.99	4.36
210.0	211.2	32.20	8.18	25.08	5.20
220.2	221.4	32.30	8.13	25.16	4.61
230.2	231.5	32.33	8.12	25.19	2.34*
240.0	241.4	32.35	8.11	25.20	+
250.2	251.7	32.35	8.11	25.20	2.25
260.1	261.6	32.37	8.11	25.22	7.06*
270.0	271.6	32.49	8.05	25.32	3.38*
280.1	281.7	32.51	8.04	25.34	

MAX DEPTH 282.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 16/11/76
 TIME (PST) 1218

TAPE CZ0/78/ 8- 60
 LONG W123 8.86
 PASS NO. 87
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.34	8.83	23.53	7.44*
2.2	2.2	30.35	8.81	23.54	7.77*
5.1	5.2	30.42	8.78	23.60	8.27*
10.1	10.2	30.55	8.75	23.70	6.96*
15.1	15.2	30.55	8.75	23.71	4.15*
20.3	20.4	30.58	8.74	23.73	3.53*
25.3	25.4	30.58	8.74	23.73	4.84*
30.1	30.3	30.66	8.73	23.80	5.10*
35.3	35.4	30.68	8.72	23.81	4.58*
40.3	40.5	30.71	8.71	23.84	3.98*
45.2	45.4	30.76	8.70	23.88	3.33*
50.2	50.5	30.77	8.69	23.88	3.26*
60.3	60.5	30.80	8.68	23.91	4.07*
70.3	70.6	30.88	8.66	23.97	4.95
80.2	80.6	30.90	8.66	24.00	2.70*
90.4	90.8	30.97	8.64	24.05	2.45
100.2	100.7	30.98	8.63	24.06	+
110.2	110.7	31.06	8.60	24.13	7.45*
120.2	120.8	31.12	8.58	24.18	6.11*
130.2	130.8	31.31	8.52	24.33	6.92*
140.1	140.8	31.45	8.47	24.45	9.38
150.1	150.9	31.66	8.40	24.62	5.08*
160.2	161.0	31.69	8.39	24.65	6.63
170.1	171.0	31.78	8.36	24.72	6.58*
180.1	181.1	32.01	8.28	24.92	4.83
190.2	191.3	31.98	8.30	24.89	+
200.1	201.2	32.00	8.29	24.90	6.20
210.1	211.3	32.15	8.21	25.04	4.86
220.3	221.5	32.16	8.21	25.04	+
230.3	231.5	32.08	8.26	24.97	+
240.3	241.6	32.06	8.26	24.96	+
250.1	251.5	32.12	8.23	25.01	3.67*
260.0	261.5	32.13	8.23	25.01	3.23
270.3	271.8	32.26	8.18	25.12	7.13*
280.1	281.7	32.40	8.11	25.24	4.15*
290.3	292.0	32.46	8.08	25.29	4.06*
300.0	301.8	32.51	8.05	25.34	2.96*
310.1	311.9	32.52	8.05	25.34	.72*

MAX DEPTH 318.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 27.36
 DATE 16/11/76
 TIME (PST) 1301

TAPE CZ0/78/ 8- 61
 LONG W123 15.61
 PASS NO. 89
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.81	9.01	23.09	4.28*
2.3	2.3	29.83	8.98	23.11	4.50*
5.0	5.0	29.85	8.98	23.12	4.83*
10.2	10.3	29.90	8.96	23.17	6.02
15.1	15.2	29.97	8.92	23.23	5.85
20.3	20.4	30.01	8.90	23.26	4.33*
25.3	25.4	30.05	8.89	23.29	7.85
30.0	30.1	30.19	8.84	23.41	7.87*
35.2	35.3	30.27	8.83	23.47	5.46*
MAX DEPTH	39.8				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 27.78
 DATE 16/11/76
 TIME (PS1) 1309

TAPE CZ0/78/ 8- 62
 LONG W123 14.72
 PASS NO. 91
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.02	9.15	23.23	10.92
2.1	2.1	30.08	8.95	23.31	9.22
5.0	5.0	30.14	8.88	23.37	5.71
10.2	10.2	30.19	8.85	23.41	5.38*
15.0	15.1	30.24	8.84	23.45	6.65*
20.2	20.3	30.27	8.83	23.48	8.32*
25.3	25.4	30.48	8.76	23.65	7.74
30.0	30.2	30.55	8.74	23.71	5.59
35.0	35.2	30.65	8.71	23.79	17.00
40.2	40.4	31.07	8.59	24.13	10.51

MAX DEPTH 41.6

CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.02
 DATE 16/11/76
 TIME (PS1) 1318

TAPE CZ0/78/ 8- 63
 LONG W123 13.86
 PASS NO. 93
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.29	8.89	23.48	15.88*
2.0	2.1	30.38	8.79	23.57	12.27*
5.1	5.1	30.40	8.78	23.59	6.85*
10.3	10.3	30.42	8.78	23.60	4.58
15.1	15.2	30.46	8.77	23.64	5.08
20.3	20.4	30.50	8.75	23.66	6.90*
25.2	25.3	30.60	8.71	23.75	8.79*
30.3	30.4	30.81	8.65	23.93	8.36*
35.0	35.2	30.93	8.62	24.03	7.27
40.0	40.2	31.03	8.59	24.11	6.28*
45.1	45.4	31.14	8.56	24.19	10.08*
50.1	50.3	31.31	8.50	24.33	6.66

MAX DEPTH 56.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.25
 DATE 16/11/76
 TIME (PST) 1327

TAPE CZ0/78/ 8- 64
 LONG W123 13.23
 PASS NO. 95
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.38	8.94	23.55	4.02*
2.0	2.1	30.36	8.88	23.53	1.45*
5.3	5.3	30.38	8.85	23.56	3.83*
10.3	10.3	30.39	8.82	23.57	3.64*
15.1	15.2	30.40	8.80	23.58	3.45*
20.1	20.1	30.43	8.79	23.60	7.87
25.3	25.4	30.71	8.69	23.84	14.35
30.1	30.2	30.94	8.61	24.03	12.79*
35.4	35.5	31.29	8.50	24.32	8.67*
40.0	40.2	31.31	8.50	24.34	3.72*
45.1	45.3	31.32	8.50	24.34	2.88*
50.1	50.3	31.32	8.49	24.34	3.07*
60.1	60.4	31.40	8.47	24.41	6.44*
70.1	70.4	31.45	8.46	24.45	

MAX DEPTH 70.4

CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.48
 DATE 16/11/76
 TIME (PST) 1336

TAPE CZ0/78/ 8- 65
 LONG W123 12.43
 PASS NO. 97
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.17	8.98	23.37	17.32
2.1	2.1	30.29	8.85	23.49	12.43
5.3	5.3	30.36	8.82	23.55	5.08
10.3	10.3	30.42	8.80	23.59	5.99
15.1	15.1	30.45	8.78	23.63	6.14*
20.0	20.1	30.56	8.74	23.72	5.46*
25.2	25.3	30.56	8.74	23.72	3.43*
30.3	30.4	30.58	8.73	23.73	3.38*
35.1	35.2	30.58	8.73	23.73	4.71*
40.1	40.2	30.65	8.71	23.79	9.49
45.1	45.3	31.03	8.60	24.10	19.18
50.2	50.4	31.16	8.54	24.21	4.93*
60.2	60.5	31.24	8.51	24.28	11.14
70.1	70.4	31.41	8.46	24.42	6.06
80.1	80.5	31.45	8.45	24.45	4.10
90.3	90.8	31.71	8.37	24.67	8.42
100.0	100.5	31.83	8.33	24.76	3.01*
110.0	110.6	31.82	8.33	24.76	1.27*
120.2	120.8	31.83	8.33	24.77	4.94*
130.0	130.7	31.96	8.28	24.87	+
140.1	140.8	31.96	8.28	24.87	+

MAX DEPTH 140.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.74
 DATE 16/11/76
 TIME (PST) 1347

TAPE CZ0/78/ 8- 66
 LONG W123 11.86
 PASS NO. 99
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.24	8.92	23.44	8.85
2.2	2.2	30.27	8.85	23.47	6.54
5.2	5.2	30.32	8.82	23.52	11.07
10.2	10.2	30.57	8.74	23.72	7.36
15.0	15.1	30.68	8.70	23.82	6.04
20.2	20.3	30.76	8.68	23.88	5.21
25.2	25.3	30.82	8.66	23.93	5.98*
30.2	30.3	30.89	8.64	23.99	4.49*
35.3	35.5	30.96	8.61	24.05	2.69*
40.2	40.4	30.96	8.61	24.05	3.70
45.1	45.3	31.01	8.59	24.08	6.30
50.1	50.4	31.06	8.57	24.13	3.94*
60.2	60.5	31.11	8.56	24.17	3.42*
70.3	70.7	31.17	8.55	24.22	6.46
80.2	80.6	31.57	8.41	24.55	7.16
90.1	90.6	31.70	8.37	24.66	4.37*
100.0	100.5	31.72	8.36	24.68	4.35*
110.1	110.7	32.01	8.26	24.92	9.91

MAX DEPTH 115.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 16/11/76
 TIME (PST) 1358

TAPE CZ0/78/ 8- 67
 LONG W123 11.04
 PASS NO.101
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	8-V
.0	.0	30.16	9.15	23.35	19.11
2.1	2.1	30.27	8.86	23.47	10.31
5.1	5.1	30.30	8.83	23.50	6.20
10.0	10.1	30.35	8.82	23.54	5.43*
15.3	15.4	30.43	8.80	23.60	6.34
20.1	20.2	30.49	8.79	23.65	3.98*
25.1	25.2	30.50	8.78	23.66	2.16*
30.2	30.3	30.52	8.78	23.68	10.39
35.0	35.2	30.69	8.72	23.82	6.51
40.0	40.2	30.77	8.69	23.89	7.19
45.2	45.4	30.85	8.67	23.95	4.99
50.3	50.5	30.90	8.65	24.00	4.09*
60.0	60.3	30.94	8.64	24.03	4.93
70.3	70.6	31.14	8.57	24.19	6.14
80.2	80.6	31.27	8.53	24.30	8.18
90.1	90.6	31.66	8.39	24.63	6.57
100.1	100.6	31.81	8.33	24.75	8.77
110.3	110.9	32.04	8.24	24.94	1.78*
120.1	120.8	32.04	8.24	24.95	3.93*
130.1	130.8	32.05	8.24	24.95	3.00*
140.1	140.9	32.10	8.22	24.99	5.68*
150.2	151.1	32.25	8.15	25.12	5.46
160.2	161.1	32.23	8.16	25.11	+
170.2	171.1	32.23	8.16	25.10	+
180.3	181.3	32.25	8.16	25.12	1.27*
190.2	191.3	32.25	8.16	25.12	.77*
200.0	201.2	32.22	8.17	25.10	+

MAX DEPTH 205.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 16/11/76
 TIME (PST) 1411

TAPE CZ0/78/ 8- 68
 LONG W123 10.40
 PASS NO.103
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.45	8.84	23.62	7.59*
2.1	2.1	30.49	8.82	23.65	6.02*
5.0	5.0	30.50	8.81	23.65	3.60*
10.0	10.0	30.50	8.81	23.65	2.47*
15.2	15.3	30.51	8.80	23.67	3.42*
20.2	20.3	30.54	8.79	23.69	3.24*
25.2	25.3	30.55	8.79	23.70	2.25*
30.3	30.4	30.56	8.79	23.71	3.30*
35.3	35.4	30.57	8.79	23.72	5.79*
40.1	40.3	30.67	8.75	23.80	7.18
45.2	45.4	30.76	8.70	23.88	6.81*
50.2	50.5	30.81	8.69	23.91	5.03
60.2	60.4	30.91	8.65	24.00	5.19*
70.3	70.6	30.97	8.63	24.05	5.32*
80.3	80.6	31.16	8.57	24.21	9.20*
90.1	90.5	31.45	8.47	24.45	6.91*
100.2	100.8	31.63	8.41	24.60	5.53
110.0	110.6	31.72	8.37	24.68	4.39*
120.2	120.8	31.87	8.31	24.80	8.78
130.0	130.7	31.91	8.29	24.83	5.00*
140.3	141.0	32.01	8.25	24.92	2.62*
150.2	151.0	32.02	8.25	24.93	3.13*
160.1	161.0	32.04	8.25	24.94	1.88*
170.1	171.0	32.05	8.24	24.95	2.67*
180.1	181.1	32.21	8.18	25.09	7.97
190.1	191.2	32.32	8.13	25.18	3.60*
200.1	201.2	32.35	8.11	25.21	4.30*

MAX DEPTH 207.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 29.40
 DATE 16/11/76
 TIME (PST) 1426

TAPE CZ0/78/ 8- 69
 LONG W123 9.50
 PASS NO.105
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.48	8.83	23.64	1.08
2.2	2.2	30.48	8.83	23.64	1.84*
5.0	5.0	30.51	8.80	23.67	4.06
10.3	10.3	30.55	8.78	23.70	8.25
15.2	15.3	30.61	8.78	23.74	5.57*
20.1	20.2	30.62	8.77	23.76	3.67
25.3	25.4	30.63	8.77	23.77	5.76
30.2	30.3	30.71	8.74	23.83	6.46
35.2	35.4	30.78	8.72	23.89	6.33*
40.2	40.4	30.86	8.69	23.96	6.32*
45.2	45.5	30.93	8.66	24.02	5.73*
50.3	50.5	31.00	8.63	24.08	5.34*
60.1	60.4	31.06	8.60	24.13	8.35
70.2	70.6	31.43	8.48	24.43	8.17
80.1	80.5	31.51	8.46	24.49	2.82*
90.3	90.7	31.51	8.46	24.50	2.67*
100.1	100.6	31.56	8.44	24.54	3.49*
110.1	110.6	31.58	8.44	24.55	.72*
120.4	121.0	31.59	8.43	24.56	2.10*
130.1	130.8	31.61	8.43	24.58	3.99*
140.3	141.0	31.70	8.39	24.66	6.82
150.3	151.1	31.81	8.35	24.75	6.38
160.2	161.1	32.02	8.27	24.92	5.40*
170.1	171.0	32.05	8.25	24.95	3.07*
180.2	181.2	32.08	8.24	24.97	3.73
190.1	191.1	32.11	8.23	25.00	+
200.3	201.5	32.25	8.17	25.12	4.87*
210.1	211.3	32.24	8.17	25.11	+
220.1	221.3	32.26	8.16	25.13	+
230.1	231.4	32.28	8.16	25.15	+
240.1	241.5	32.30	8.15	25.16	+
250.2	251.6	32.31	8.14	25.17	1.40*
260.2	261.6	32.32	8.14	25.18	.66*

MAX DEPTH 267.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 16/11/76
 TIME (PST) 1442

TAPE CZ0/78/ 8- 70
 LONG W123 8.86
 PASS NO.107
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.42	8.83	23.59	6.38
2.1	2.1	30.44	8.80	23.62	5.71
5.2	5.3	30.47	8.79	23.64	4.30*
10.1	10.1	30.48	8.79	23.64	2.50
15.0	15.1	30.50	8.79	23.66	5.41
20.3	20.4	30.59	8.75	23.74	7.29
25.2	25.3	30.64	8.74	23.78	4.87
30.2	30.3	30.68	8.72	23.81	5.62*
35.2	35.3	30.69	8.72	23.82	3.49*
40.4	40.5	30.71	8.72	23.84	2.68*
45.1	45.3	30.71	8.72	23.84	1.96*
50.2	50.4	30.72	8.71	23.85	2.71*
60.2	60.5	30.76	8.70	23.88	3.67*
70.0	70.3	30.82	8.68	23.93	4.44*
80.2	80.6	30.96	8.63	24.04	7.04
90.2	90.6	31.27	8.53	24.30	6.05
100.3	100.8	31.29	8.52	24.32	4.02
110.1	110.6	31.38	8.49	24.39	6.33*
120.3	120.9	31.62	8.41	24.59	5.25*
130.2	130.8	31.68	8.39	24.64	5.21
140.0	140.8	31.71	8.37	24.67	2.93*
150.3	151.1	31.78	8.35	24.72	4.64*
160.2	161.1	31.86	8.32	24.79	9.36
170.2	171.1	32.03	8.26	24.93	5.19
180.2	181.2	32.06	8.24	24.96	3.67*
190.1	191.2	32.17	8.20	25.05	5.32
200.2	201.4	32.29	8.15	25.15	3.96*
210.4	211.5	32.30	8.14	25.16	4.80*
220.4	221.6	32.38	8.11	25.23	1.17*
230.0	231.4	32.38	8.11	25.23	1.02*
240.2	241.6	32.38	8.11	25.23	+
250.1	251.5	32.38	8.11	25.23	1.03*
260.1	261.6	32.38	8.11	25.23	.34*
270.1	271.6	32.38	8.11	25.23	.56*
280.3	281.9	32.38	8.12	25.23	.62*
290.1	291.8	32.38	8.12	25.23	.91*
300.2	301.9	32.38	8.12	25.23	+
310.1	311.9	32.39	8.12	25.23	+

MAX DEPTH 319.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 27.36
 DATE 16/11/76
 TIME (PST) 1528

TAPE CZ0/78/ 8- 71
 LONG W123 15.61
 PASS NO.109
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.71	9.06	23.01	20.42
2.1	2.1	29.87	9.04	23.13	12.08
5.2	5.2	29.90	9.01	23.16	6.01*
10.2	10.2	29.90	9.00	23.16	4.01
15.1	15.2	29.98	8.93	23.24	10.62
20.3	20.4	30.20	8.85	23.42	11.88*
25.1	25.2	30.50	8.76	23.67	12.14*
30.3	30.4	30.76	8.68	23.88	9.78
35.1	35.3	31.16	8.55	24.21	4.33
MAX DEPTH	37.9				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 27.78
 DATE 16/11/76
 TIME (PST) 1536

TAPE CZ0/78/ 8- 72
 LONG W123 14.72
 PASS NO.111
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.92	9.01	23.18	7.41
2.0	2.0	30.01	8.91	23.26	8.90
5.0	5.0	30.08	8.88	23.32	5.85
10.3	10.3	30.10	8.87	23.34	4.87*
15.1	15.1	30.15	8.86	23.37	5.31
20.2	20.3	30.21	8.84	23.43	3.87*
25.1	25.2	30.21	8.84	23.43	4.12*
30.2	30.3	30.22	8.84	23.43	10.25*
35.1	35.2	30.24	8.83	23.45	14.11
40.1	40.3	31.03	8.59	24.11	2.68*

MAX DEPTH 41.7

CRUISE NO. 6 HAKO STRAIT 1976
 LAT N48 28.02
 DATE 16/11/76
 TIME (PST) 1548

TAPE CZ0/78/ 8- 83
 LONG W123 13.86
 PASS NO.113
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.91	9.03	23.17	5.61
2.1	2.1	29.86	9.01	23.13	2.53*
5.3	5.3	29.94	8.91	23.20	6.42
10.1	10.1	30.02	8.88	23.27	7.22
15.2	15.3	30.09	8.87	23.33	4.86*
20.0	20.1	30.10	8.87	23.34	3.56*
25.2	25.3	30.11	8.87	23.35	4.02*
30.3	30.4	30.15	8.85	23.38	6.82
35.3	35.5	30.30	8.82	23.50	10.22
40.2	40.3	30.44	8.77	23.61	7.47
45.2	45.4	30.50	8.75	23.66	6.94
50.2	50.4	30.61	8.72	23.76	+

MAX DEPTH 54.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.25
 DATE 16/11/76
 TIME (PST) 1556

TAPE CZ0/78/ 8- 74
 LONG W123 13.23
 PASS NO.115
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.97	9.01	23.21	.35
2.0	2.0	29.97	8.99	23.22	2.03*
5.0	5.0	29.99	8.91	23.25	5.09
10.1	10.2	30.06	8.88	23.30	9.82
15.1	15.1	30.19	8.85	23.41	5.21
20.2	20.3	30.25	8.85	23.46	5.60
25.1	25.2	30.41	8.79	23.59	11.13
30.2	30.3	30.58	8.73	23.73	11.83
35.2	35.3	30.69	8.69	23.83	7.10
40.2	40.4	30.84	8.65	23.95	8.68*
45.2	45.4	30.86	8.64	23.96	2.18*
50.3	50.5	30.87	8.64	23.97	1.53*
60.2	60.4	30.87	8.64	23.97	2.40

MAX DEPTH 60.4

CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.48
 DATE 16/11/76
 TIME (PST) 1606

TAPE CZ0/78/ 8- 75
 LONG W123 12.43
 PASS NO.117
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.94	9.01	23.19	+
2.0	2.1	29.94	8.99	23.20	.87*
5.2	5.3	29.94	8.98	23.20	2.16*
10.1	10.1	29.95	8.97	23.21	4.67*
15.3	15.3	30.03	8.95	23.27	7.18*
20.1	20.2	30.13	8.89	23.36	4.73
25.3	25.4	30.24	8.84	23.45	6.22
30.1	30.3	30.30	8.82	23.50	5.71
35.3	35.4	30.41	8.78	23.59	6.26
40.2	40.4	30.46	8.77	23.63	5.22*
45.3	45.4	30.50	8.76	23.66	5.78*
50.3	50.5	30.55	8.74	23.71	8.06*
60.1	60.4	30.92	8.63	24.01	7.87
70.3	70.6	31.07	8.58	24.14	4.95*
80.3	80.6	31.19	8.55	24.23	5.49
90.1	90.5	31.31	8.51	24.33	4.35
100.1	100.5	31.34	8.50	24.36	4.29
110.2	110.7	31.43	8.47	24.43	5.46*
120.1	120.7	31.55	8.43	24.53	3.91*
130.1	130.8	31.57	8.43	24.55	5.82

MAX DEPTH 137.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HAWO STRAIT 1976
 LAT N48 28.74
 DATE 16/11/76
 TIME (PST) 1617

TAPE CZ0/78/ 8- 76
 LONG W123 11.86
 PASS NO.119
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.97	9.00	23.22	9.94
2.3	2.3	29.97	9.00	23.21	3.22*
5.2	5.3	30.09	8.88	23.33	8.17
10.1	10.1	30.16	8.87	23.38	6.41
15.3	15.3	30.20	8.84	23.42	4.99*
20.0	20.1	30.25	8.82	23.46	5.57
25.1	25.2	30.31	8.81	23.51	8.33
30.1	30.2	30.39	8.78	23.58	8.33*
35.2	35.3	30.55	8.75	23.71	7.31
40.4	40.5	30.65	8.71	23.79	7.73
45.1	45.3	30.90	8.63	24.00	6.92*
50.2	50.4	30.95	8.61	24.04	4.03
60.3	60.6	31.06	8.58	24.12	10.21
70.2	70.5	31.22	8.53	24.26	6.60
80.1	80.5	31.42	8.47	24.42	5.67
90.3	90.8	31.62	8.40	24.59	8.87*
100.2	100.8	31.93	8.29	24.85	10.76
110.1	110.7	32.07	8.23	24.97	4.18*

MAX DEPTH 117.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.95
 DATE 16/11/76
 TIME (PST) 1629

TAPE CZ0/78/ 8- 77
 LONG W123 11.04
 PASS NO.121
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.86	9.04	23.12	12.15
2.2	2.2	29.86	9.04	23.12	3.56*
5.2	5.2	30.02	8.96	23.26	9.53
10.3	10.3	30.13	8.89	23.36	6.90
15.1	15.2	30.27	8.82	23.47	7.13
20.2	20.2	30.31	8.81	23.51	4.79
25.1	25.2	30.33	8.80	23.53	5.47*
30.2	30.4	30.41	8.78	23.59	5.56
35.3	35.4	30.50	8.76	23.67	6.29
40.0	40.2	30.55	8.75	23.71	6.61*
45.3	45.5	30.69	8.71	23.82	12.67*
50.0	50.3	31.04	8.59	24.11	6.79
60.1	60.3	31.31	8.51	24.34	5.95*
70.2	70.6	31.55	8.43	24.53	6.35*
80.2	80.6	31.63	8.40	24.60	5.50
90.2	90.7	31.66	8.39	24.63	3.11*
100.2	100.7	31.71	8.37	24.67	4.92
110.1	110.7	31.79	8.34	24.73	3.30
120.2	120.9	31.88	8.31	24.81	5.70*
130.1	130.8	31.96	8.28	24.87	5.45
140.3	141.0	32.12	8.21	25.01	5.10*
150.2	151.0	32.16	8.20	25.04	5.90
160.0	160.9	32.28	8.15	25.15	5.55*
170.2	171.2	32.30	8.14	25.16	3.97*
180.1	181.1	32.30	8.14	25.16	.65*
190.1	191.1	32.30	8.13	25.17	.71*
200.0	201.2	32.31	8.13	25.17	.98*

MAX DEPTH 201.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 29.24
 DATE 16/11/76
 TIME (PST) 1643

TAPL CZ0/78/ 8- 78
 LONG W123 10.40
 PASS NO.123
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.80	9.04	23.08	5.46
2.1	2.1	29.86	9.00	23.13	7.10
5.1	5.1	29.91	8.97	23.18	9.38
10.2	10.3	30.16	8.89	23.38	7.14*
15.1	15.2	30.26	8.85	23.46	7.35*
20.3	20.4	30.34	8.81	23.54	8.18
25.1	25.2	30.41	8.78	23.59	6.11*
30.2	30.4	30.46	8.77	23.64	5.90
35.2	35.3	30.56	8.75	23.71	6.43
40.2	40.3	30.69	8.70	23.82	11.94*
45.2	45.5	31.26	8.52	24.30	12.07
50.2	50.5	31.32	8.50	24.34	5.83*
60.2	60.5	31.39	8.48	24.40	5.10*
70.1	70.5	31.52	8.44	24.51	4.36
80.1	80.5	31.56	8.43	24.54	5.19
90.2	90.7	31.67	8.39	24.64	2.93*
100.2	100.7	31.74	8.36	24.69	4.90*
110.2	110.7	31.86	8.32	24.79	5.51
120.3	120.9	31.99	8.26	24.90	5.88*
130.2	130.9	32.07	8.23	24.97	1.37*
140.1	140.9	32.07	8.23	24.97	2.67*
150.1	150.9	32.07	8.23	24.97	+
160.1	161.0	32.14	8.20	25.03	3.44*
170.2	171.1	32.18	8.18	25.06	4.17*
180.2	181.2	32.26	8.15	25.13	+
190.2	191.2	32.24	8.16	25.12	+

MAX DEPTH 191.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 29.46
 DATE 16/11/76
 TIME (PS1) 1700

TAPE CZ0/78/ 8- 79
 LONG W123 9.50
 PASS NO.125
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.01	8.97	23.25	8.02
2.3	2.3	30.01	8.96	23.25	2.51*
5.2	5.3	30.06	8.95	23.30	6.77
10.3	10.4	30.25	8.87	23.46	5.52
15.2	15.3	30.30	8.85	23.50	6.22
20.2	20.2	30.39	8.81	23.57	7.28
25.3	25.4	30.45	8.78	23.63	5.17*
30.2	30.3	30.49	8.77	23.65	4.78
35.2	35.3	30.52	8.76	23.68	4.53
40.1	40.2	30.52	8.75	23.68	6.37*
45.3	45.5	30.69	8.71	23.82	6.59
50.3	50.5	30.90	8.64	24.00	8.55*
60.2	60.5	31.05	8.60	24.12	5.81
70.2	70.6	31.25	8.54	24.28	6.61
80.1	80.5	31.32	8.51	24.34	6.07
90.3	90.7	31.58	8.43	24.56	8.68
100.2	100.7	31.71	8.38	24.67	3.33*
110.2	110.7	31.81	8.34	24.75	6.92*
120.1	120.7	32.05	8.25	24.95	5.96
130.2	130.9	32.11	8.22	25.00	4.75*
140.2	141.0	32.17	8.20	25.05	4.08*
150.2	151.0	32.23	8.17	25.10	2.27*
160.2	161.1	32.26	8.16	25.12	2.13*
170.2	171.2	32.28	8.15	25.14	2.07*
180.1	181.1	32.28	8.15	25.14	2.56*
190.1	191.1	32.30	8.15	25.16	1.38*
200.1	201.2	32.30	8.15	25.16	1.40*
210.0	211.2	32.33	8.13	25.19	2.98*
220.0	221.3	32.33	8.14	25.19	2.78*
230.1	231.5	32.35	8.13	25.20	2.05*
240.1	241.5	32.36	8.12	25.21	2.35*
250.1	251.6	32.37	8.12	25.22	2.54*
260.1	261.6	32.40	8.11	25.24	1.64*

MAX DEPTH 268.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 6 HARG STRAIT 1976

LAT N48 29.75

DATE 16/11/76

TIME (PST) 1718

TAPE C20/78/ 8- 80

LONG W123 8.86

PASS NO.127

STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.25	8.86	23.45	19.69
2.3	2.3	30.43	8.79	23.61	14.71
5.2	5.2	30.53	8.76	23.69	10.00*
10.0	10.1	30.58	8.74	23.73	5.74
15.2	15.2	30.66	8.71	23.80	4.23
20.3	20.4	30.69	8.71	23.82	3.34*
25.2	25.3	30.69	8.71	23.82	4.41
30.1	30.2	30.69	8.70	23.82	4.44*
35.1	35.3	30.69	8.70	23.82	4.24
40.2	40.4	30.75	8.69	23.87	6.19
45.2	45.5	30.81	8.68	23.92	7.50
50.0	50.2	31.05	8.60	24.12	9.25
60.1	60.4	31.41	8.48	24.41	11.02
70.1	70.5	31.47	8.46	24.47	4.70*
80.1	80.5	31.56	8.43	24.54	4.44
90.1	90.6	31.64	8.40	24.61	6.24*
100.1	100.6	31.85	8.33	24.78	9.40*
110.3	111.0	32.16	8.20	25.04	5.52
120.0	120.7	32.23	8.17	25.10	4.17*
130.0	130.8	32.26	8.16	25.13	2.21*
140.3	141.0	32.26	8.16	25.13	.78*
150.1	150.9	32.27	8.15	25.14	2.48
160.0	160.9	32.32	8.13	25.18	2.58*
170.2	171.2	32.33	8.12	25.19	2.49*
180.0	181.1	32.35	8.12	25.20	1.53*
190.1	191.2	32.36	8.12	25.21	.53*
200.1	201.2	32.36	8.12	25.21	.20*
210.2	211.4	32.35	8.12	25.21	+
220.0	221.3	32.35	8.12	25.21	+
230.1	231.5	32.35	8.12	25.20	.53*
240.1	241.5	32.35	8.12	25.21	.83*
250.1	251.5	32.35	8.12	25.21	1.30*
260.2	261.6	32.36	8.12	25.21	+
270.1	271.7	32.35	8.12	25.21	.77*
280.2	281.8	32.37	8.12	25.22	2.44*
290.0	291.7	32.37	8.12	25.22	+
300.1	301.8	32.37	8.12	25.22	+

MAX DEPTH 308.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 27.36
 DATE 16/11/76
 TIME (PST) 1805

TAPE CZ0/78/ 8- 81
 LONG W123 15.61
 PASS NO.129
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.71	9.02	23.01	9.59
2.2	2.2	29.75	9.00	23.05	7.00
5.3	5.3	29.78	9.00	23.07	5.34*
10.1	10.1	29.82	9.00	23.10	4.92*
15.3	15.4	29.87	8.98	23.14	5.71*
20.2	20.3	29.93	8.95	23.19	6.29
25.3	25.4	30.03	8.91	23.28	6.07
30.0	30.2	30.21	8.85	23.42	11.15
35.1	35.2	30.31	8.82	23.51	
MAX DEPTH	37.4				

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 6 HARO STRAIT 1976

LAT N48 27.78

DATE 16/11/76

TIME (PST) 1814

TAPE CZ0/78/ 8- 82

LONG W123 14.72

PASS NO.131

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.77	9.03	23.06	+
2.0	2.1	29.77	9.03	23.05	.85*
5.0	5.0	29.77	9.03	23.05	2.08
10.1	10.2	29.81	8.99	23.09	6.11
15.4	15.4	29.89	8.94	23.16	4.79
20.1	20.2	29.93	8.93	23.20	5.38*
25.0	25.1	29.98	8.92	23.24	6.43
30.1	30.3	30.26	8.84	23.47	15.04
35.1	35.2	30.54	8.75	23.70	
40.1	40.3	30.62	8.72	23.76	

MAX DEPTH 40.4

CRUISE NO. 6 HARO STRAIT 1976

LAT N48 28.02

DATE 16/11/76

TIME (PST) 1824

TAPE CZ0/78/ 8- 83

LONG W123 13.86

PASS NO.133

STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.67	9.05	22.98	10.41*
2.0	2.1	29.67	9.04	22.98	2.94*
5.2	5.3	29.68	9.05	22.98	7.95*
10.3	10.3	29.93	8.93	23.20	5.48*
15.1	15.2	29.95	8.93	23.21	3.01*
20.2	20.3	29.96	8.92	23.22	5.90
25.1	25.2	30.08	8.88	23.32	6.22
30.2	30.3	30.09	8.88	23.33	5.13*
35.2	35.3	30.16	8.86	23.39	5.04*
40.0	40.2	30.19	8.84	23.41	5.30*
45.1	45.3	30.28	8.83	23.48	5.78
50.2	50.4	30.37	8.80	23.56	10.46

MAX DEPTH 52.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 6 HARO STRAIT 1976

LAT N48 28.25

DATE 16/11/76

TIME (PST) 1832

TAPE CZ0/78/ 8- 84

LONG W123 13.23

PASS NO.135

STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.73	9.03	23.03	7.60*
2.2	2.2	29.73	9.03	23.03	2.94*
5.1	5.1	29.87	8.98	23.14	7.63*
10.2	10.2	29.93	8.95	23.19	7.66*
15.3	15.4	30.01	8.92	23.26	7.69*
20.3	20.4	30.15	8.87	23.38	10.37
25.3	25.4	30.22	8.84	23.44	5.59*
30.4	30.5	30.24	8.84	23.45	2.96*
35.4	35.5	30.24	8.84	23.45	3.90*
40.2	40.3	30.28	8.83	23.48	6.12*
45.3	45.5	30.40	8.80	23.58	9.31*
50.1	50.3	30.67	8.71	23.81	8.61*
60.1	60.4	30.73	8.69	23.86	6.16
70.2	70.5	30.75	8.68	23.87	+

MAX DEPTH 73.9

CRUISE NO. 6 HARO STRAIT 1976

LAT N48 28.48

DATE 16/11/76

TIME (PST) 1840

TAPE CZ0/78/ 8- 85

LONG W123 12.43

PASS NO.137

STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.22	8.84	23.43	2.48*
2.1	2.1	30.22	8.84	23.43	1.01*
5.3	5.3	30.22	8.84	23.44	2.54*
10.1	10.1	30.24	8.83	23.46	2.61*
15.2	15.3	30.23	8.84	23.44	+
20.0	20.1	30.24	8.83	23.45	2.75*
25.1	25.2	30.26	8.83	23.47	2.82*
30.2	30.3	30.27	8.82	23.47	4.62
35.2	35.4	30.28	8.82	23.49	3.92*
40.2	40.3	30.31	8.81	23.51	4.47
45.1	45.3	30.39	8.78	23.58	6.10
50.1	50.3	30.73	8.69	23.86	14.78
60.0	60.3	30.95	8.62	24.03	8.06*
70.2	70.5	31.20	8.55	24.24	7.48
80.1	80.5	31.39	8.48	24.40	6.29
90.2	90.7	31.73	8.36	24.68	6.52
100.1	100.6	31.83	8.32	24.76	5.40*
110.2	110.8	31.90	8.30	24.82	4.15
120.0	120.7	31.96	8.27	24.88	4.57
130.2	130.9	32.03	8.25	24.93	+

MAX DEPTH 135.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.74
 DATE 16/11/76
 TIME (PST) 1852

TAPE CZ0/78/ 8- 86
 LONG W123 11.86
 PASS NO.139
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.02	8.97	23.26	10.55
2.2	2.2	29.91	8.96	23.18	3.85*
5.1	5.2	29.92	8.96	23.18	9.63
10.0	10.0	30.35	8.81	23.54	8.70
15.2	15.3	30.43	8.78	23.61	3.84*
20.1	20.2	30.43	8.78	23.61	2.62
25.0	25.1	30.48	8.76	23.65	9.39
30.3	30.4	30.69	8.69	23.82	9.38*
35.0	35.2	30.72	8.68	23.85	7.02*
40.2	40.4	30.88	8.64	23.98	7.30
45.3	45.5	30.99	8.61	24.07	6.28
50.1	50.3	31.02	8.60	24.10	4.89*
60.0	60.3	31.22	8.53	24.26	10.16
70.2	70.5	31.35	8.49	24.37	4.49*
80.2	80.6	31.46	8.45	24.46	10.24
90.2	90.6	31.77	8.35	24.71	8.21*
100.1	100.6	31.78	8.35	24.73	2.58*
110.0	110.6	31.81	8.33	24.75	5.73

MAX DEPTH 114.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 28.95
 DATE 16/11/76
 TIME (PST) 1903

TAPE CZ0/78/ 8- 87
 LONG W123 11.04
 PASS NO.141
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.91	8.92	23.18	10.36
2.2	2.2	29.93	8.92	23.20	3.77*
5.1	5.2	30.04	8.89	23.28	9.43
10.0	10.0	30.27	8.82	23.48	8.50
15.3	15.3	30.36	8.79	23.55	6.59*
20.2	20.3	30.50	8.75	23.66	7.61
25.0	25.2	30.56	8.73	23.72	4.68
30.1	30.3	30.61	8.72	23.76	4.69*
35.0	35.2	30.64	8.71	23.78	5.89
40.0	40.2	30.76	8.67	23.88	13.01
45.1	45.3	30.90	8.63	24.00	6.22
50.1	50.4	30.91	8.63	24.01	2.52*
60.2	60.4	31.22	8.53	24.26	10.80
70.1	70.5	31.26	8.52	24.29	4.08
80.2	80.6	31.41	8.47	24.42	8.76
90.2	90.7	31.63	8.40	24.60	7.85*
100.1	100.7	31.86	8.32	24.79	6.23*
110.1	110.7	31.94	8.29	24.86	5.37*
120.2	120.8	31.96	8.28	24.88	2.18*
130.1	130.8	32.00	8.26	24.91	2.92*
140.1	140.9	31.97	8.27	24.89	3.70*
150.3	151.1	32.05	8.24	24.95	4.05*
160.1	161.0	32.14	8.21	25.02	9.38*
170.2	171.1	32.18	8.19	25.06	4.25
180.1	181.1	32.22	8.18	25.09	2.15
190.1	191.1	32.25	8.16	25.12	3.49*
200.1	201.2	32.28	8.15	25.15	+

MAX DEPTH 200.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 29.24
 DATE 16/11/76
 TIME (PST) 1915

TAPE CZ0/78/ 8- 88
 LONG W123 10.40
 PASS NO.143
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.11	8.87	23.34	12.96*
2.3	2.3	30.13	8.87	23.36	4.65*
5.2	5.2	30.46	8.77	23.63	11.78*
10.1	10.1	30.55	8.74	23.70	10.61*
15.3	15.3	30.66	8.71	23.80	9.43*
20.1	20.2	30.80	8.67	23.91	6.36
25.3	25.4	30.89	8.64	23.98	6.61
30.1	30.2	30.95	8.62	24.04	5.95*
35.0	35.2	30.97	8.61	24.05	5.34*
40.1	40.3	31.04	8.59	24.11	3.71*
45.1	45.3	31.05	8.58	24.12	2.06*
50.1	50.3	31.07	8.58	24.13	2.18*
60.2	60.5	31.10	8.58	24.16	1.83*
70.2	70.5	31.11	8.58	24.16	5.16
80.1	80.4	31.17	8.56	24.22	10.37
90.0	90.5	31.44	8.46	24.44	5.36*
100.2	100.7	31.67	8.40	24.63	7.60*
110.1	110.7	31.72	8.37	24.68	4.23*
120.0	120.7	31.79	8.34	24.73	4.61
130.3	131.0	31.85	8.32	24.78	2.59*
140.1	140.9	31.85	8.32	24.78	7.00*
150.0	150.9	32.10	8.23	24.99	7.76*
160.1	161.0	32.26	8.16	25.13	4.03*
170.0	171.0	32.29	8.15	25.15	4.17*
180.0	181.1	32.35	8.12	25.21	+
190.1	191.2	32.35	8.12	25.20	3.49*

MAX DEPTH 195.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 29.46
 DATE 16/11/76
 TIME (PST) 1933

TAPE CZ0/78/ 8- 89
 LONG W123 9.50
 PASS NO.145
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.87	8.95	23.15	1.59
2.1	2.1	29.91	8.93	23.18	10.87
5.1	5.1	30.11	8.87	23.34	18.19
10.3	10.3	30.29	8.81	23.49	7.14*
15.1	15.2	30.48	8.76	23.65	9.31
20.1	20.2	30.66	8.71	23.79	11.48
25.0	25.2	30.94	8.62	24.03	7.79
30.3	30.4	31.09	8.57	24.15	8.80
35.2	35.4	31.27	8.52	24.30	9.55
40.1	40.3	31.40	8.47	24.41	11.48
45.1	45.3	31.68	8.38	24.64	13.71*
50.1	50.3	31.69	8.37	24.65	3.94
60.2	60.6	31.84	8.32	24.78	4.57*
70.2	70.6	31.86	8.32	24.79	4.15*
80.3	80.7	31.95	8.28	24.87	3.81*
90.1	90.6	32.01	8.25	24.92	4.39*
100.2	100.8	32.03	8.25	24.93	3.94*
110.3	110.9	32.11	8.22	25.00	4.43
120.2	120.8	32.15	8.20	25.04	2.61*
130.3	131.0	32.15	8.20	25.04	1.03*
140.2	141.0	32.16	8.20	25.05	2.90*
150.1	151.0	32.17	8.20	25.05	2.45*
160.3	161.2	32.17	8.20	25.05	2.79
170.0	171.0	32.22	8.18	25.10	2.77*
180.1	181.1	32.29	8.15	25.15	5.68
190.2	191.3	32.32	8.13	25.18	1.31*
200.2	201.4	32.33	8.13	25.18	4.24
210.1	211.3	32.37	8.11	25.22	1.36*
220.2	221.4	32.35	8.12	25.21	+
230.1	231.5	32.36	8.12	25.21	+
240.2	241.6	32.39	8.10	25.23	3.43*
250.2	251.6	32.41	8.09	25.25	4.81
260.1	261.6	32.42	8.08	25.27	+

MAX DEPTH 269.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 HARO STRAIT 1976
 LAT N48 29.75
 DATE 16/11/76
 TIME (PST) 1948

TAPE CZ0/78/ 8- 90
 LONG W123 8.86
 PASS NO.147
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.84	8.97	23.12	9.26
2.1	2.1	29.93	8.95	23.19	11.49
5.1	5.1	30.04	8.91	23.29	8.88
10.0	10.1	30.37	8.80	23.56	15.34*
15.2	15.3	30.51	8.76	23.68	9.74*
20.2	20.3	30.70	8.70	23.83	10.94
25.1	25.2	31.07	8.58	24.14	9.42
30.2	30.4	31.20	8.54	24.24	4.98*
35.4	35.5	31.25	8.52	24.29	9.21
40.3	40.5	31.56	8.42	24.54	12.94
45.3	45.5	31.72	8.35	24.68	8.68
50.0	50.3	31.74	8.34	24.70	6.51*
60.2	60.5	31.95	8.27	24.87	8.14
70.1	70.5	32.15	8.20	25.04	4.72*
80.1	80.6	32.14	8.20	25.03	2.41*
90.0	90.5	32.16	8.19	25.05	2.14*
100.1	100.7	32.18	8.19	25.06	2.57*
110.0	110.7	32.20	8.18	25.08	2.83*
120.3	121.0	32.21	8.17	25.09	3.20*
130.1	130.9	32.24	8.16	25.11	3.92*
140.1	140.8	32.30	8.14	25.16	3.14*
150.0	150.9	32.30	8.14	25.16	+
160.2	161.1	32.30	8.14	25.17	4.28*
170.2	171.2	32.32	8.13	25.17	1.33*
180.1	181.1	32.32	8.13	25.18	1.24*
190.1	191.2	32.32	8.13	25.18	3.58
200.0	201.2	32.32	8.13	25.18	.85*
210.0	211.2	32.33	8.13	25.19	.53*
220.0	221.3	32.33	8.13	25.18	1.17*
230.0	231.3	32.35	8.12	25.20	3.33*
240.1	241.4	32.43	8.08	25.27	5.61*
250.0	251.5	32.44	8.07	25.28	+
260.1	261.6	32.44	8.07	25.28	+
270.0	271.6	32.46	8.07	25.30	3.28*
280.1	281.8	32.57	8.02	25.39	7.92
290.1	291.8	32.69	7.95	25.49	+
300.1	301.9	32.70	7.94	25.51	+
310.1	311.9	32.74	7.92	25.54	2.34*

MAX DEPTH 319.4

CRUISE No. 7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 46.86
 DATE 14/12/76
 TIME (PST) 1138

TAPE CZ0/78/ 8- 91
 LONG W123 2.50
 PASS NO. 17
 STN: LINE 5-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	E-V
.0	.0	29.85	8.41	23.21	22.52
2.2	2.2	30.07	8.35	23.39	14.28
5.3	5.3	30.15	8.29	23.46	7.58
10.2	10.2	30.24	8.27	23.53	5.83
15.1	15.2	30.29	8.26	23.57	4.73*
20.1	20.2	30.34	8.24	23.62	4.73*
25.2	25.3	30.37	8.24	23.64	4.23*
30.2	30.4	30.42	8.23	23.68	4.02*
35.1	35.2	30.43	8.23	23.69	4.00*
40.2	40.3	30.46	8.23	23.71	4.46
45.3	45.4	30.50	8.23	23.75	3.80*
50.1	50.3	30.51	8.23	23.75	1.66*
60.1	60.4	30.51	8.23	23.75	7.13
70.3	70.6	31.00	8.14	24.14	6.41*
80.1	80.5	31.14	8.12	24.25	6.66*
90.3	90.7	31.34	8.08	24.42	6.79*
100.1	100.6	31.38	8.07	24.46	7.27
110.2	110.8	31.38	8.08	24.45	+
120.1	120.7	31.52	8.05	24.56	2.20*
130.3	130.9	31.53	8.05	24.57	1.55*
140.2	141.0	31.54	8.05	24.58	.98*
150.1	150.8	31.54	8.05	24.58	2.28*
160.2	161.1	31.56	8.05	24.60	
170.1	170.9	31.57	8.04	24.60	

MAX DEPTH 172.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 46.04
 DATE 14/12/76
 TIME (PST) 1155

TAPE CZ0/78/ 8- 92
 LONG W123 1.80
 PASS NO. 19
 STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.35	8.37	22.82	24.84
2.1	2.1	29.69	8.34	23.10	16.72
5.2	5.3	30.20	8.27	23.50	8.91*
10.2	10.3	30.21	8.28	23.51	2.14*
15.2	15.3	30.21	8.27	23.51	1.91*
20.1	20.2	30.21	8.27	23.51	1.84*
25.1	25.2	30.22	8.27	23.52	2.74*
30.2	30.3	30.21	8.28	23.51	+
35.0	35.2	30.25	8.27	23.54	4.53*
40.1	40.2	30.23	8.28	23.53	6.31
45.2	45.4	30.52	8.21	23.76	11.68
50.2	50.4	30.58	8.21	23.81	4.12
60.1	60.4	30.66	8.20	23.87	6.34
70.1	70.4	30.80	8.18	23.98	5.07*
80.2	80.5	30.82	8.18	24.00	2.42*
90.2	90.6	30.87	8.17	24.04	6.10*
100.1	100.6	30.94	8.16	24.10	5.30*
110.2	110.7	31.11	8.13	24.23	4.72
120.1	120.7	31.16	8.12	24.28	4.06*
130.1	130.7	31.21	8.11	24.31	2.66*
140.1	140.8	31.23	8.11	24.33	3.29
150.2	150.9	31.48	8.06	24.53	5.36*
160.1	160.9	31.48	8.06	24.53	4.16*
170.1	171.0	31.49	8.06	24.54	1.25*
180.1	181.1	31.49	8.06	24.54	1.20*
190.1	191.0	31.49	8.06	24.54	

MAX DEPTH 193.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 44.88
 DATE 14/12/76
 TIME (PST) 1215

TAPE CZ0/78/ 8- 93
 LONG W123 .76
 PASS NO. 21
 STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.39	8.24	23.65	10.04*
2.1	2.1	30.38	8.24	23.65	.80
5.0	5.1	30.38	8.23	23.65	7.50*
10.1	10.1	30.38	8.23	23.65	+
15.1	15.2	30.37	8.24	23.64	2.41*
20.2	20.3	30.38	8.23	23.65	2.25
25.0	25.1	30.38	8.23	23.65	3.68
30.2	30.4	30.37	8.24	23.64	+
35.1	35.3	30.39	8.23	23.65	4.70*
40.1	40.2	30.38	8.23	23.65	2.21*
45.2	45.4	30.42	8.22	23.68	4.21*
50.1	50.4	30.50	8.21	23.74	6.47
60.0	60.3	30.65	8.19	23.86	3.95*
70.1	70.4	30.67	8.19	23.88	4.84
80.2	80.6	30.81	8.18	23.99	6.86
90.2	90.6	30.99	8.15	24.14	4.68*

MAX DEPTH 97.0

CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 43.22
 DATE 14/12/76
 TIME (PST) 1237

TAPE CZ0/78/ 8- 94
 LONG W122 59.27
 PASS NO. 23
 STN: LINE 5-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.14	8.25	23.46	6.20*
2.1	2.1	30.15	8.24	23.47	6.08*
5.1	5.2	30.15	8.23	23.47	5.91*
10.2	10.2	30.25	8.23	23.55	5.14*
15.1	15.1	30.27	8.23	23.56	4.01*
20.1	20.2	30.29	8.23	23.58	4.61
25.0	25.1	30.30	8.23	23.58	4.94*
30.1	30.2	30.33	8.23	23.61	2.88*
35.1	35.3	30.32	8.23	23.60	2.61*
40.1	40.3	30.33	8.23	23.61	2.50*
45.1	45.3	30.35	8.23	23.62	3.10*
50.1	50.3	30.37	8.23	23.64	3.53*
60.1	60.3	30.42	8.23	23.68	2.80*
70.2	70.5	30.46	8.22	23.71	4.74
80.1	80.5	30.57	8.21	23.80	5.32*
90.2	90.6	30.66	8.21	23.87	3.81*
100.2	100.7	30.69	8.20	23.89	2.72*
110.2	110.7	30.72	8.20	23.92	3.23*

MAX DEPTH 118.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 42.21
 DATE 14/12/76
 TIME (PST) 1255

TAPE CZ0/78/ 8- 95
 LONG W122 58.36
 PASS NO. 25
 STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.08	8.31	23.41	8.91*
2.0	2.1	30.14	8.25	23.46	9.27*
5.0	5.0	30.17	8.23	23.48	9.81*
10.2	10.2	30.41	8.22	23.67	8.37
15.3	15.3	30.55	8.20	23.79	5.97*
20.1	20.1	30.55	8.21	23.78	+
25.2	25.3	30.54	8.21	23.78	3.83*
30.1	30.2	30.54	8.21	23.77	+
35.1	35.3	30.54	8.21	23.78	1.69*
40.2	40.4	30.55	8.20	23.78	.85*
45.2	45.4	30.55	8.21	23.78	1.26*
50.1	50.3	30.55	8.20	23.79	1.80
60.2	60.4	30.55	8.21	23.79	+
70.2	70.5	30.59	8.20	23.82	3.38*
80.2	80.5	30.62	8.20	23.84	3.04*
90.2	90.6	30.64	8.20	23.85	1.58*
100.1	100.6	30.65	8.20	23.86	2.07*
110.2	110.7	30.68	8.20	23.89	2.33*
120.2	120.7	30.69	8.20	23.90	2.02*
130.1	130.6	30.71	8.20	23.91	2.92*
140.2	140.8	30.74	8.19	23.93	2.64*
150.0	150.7	30.77	8.19	23.96	2.67*
160.2	160.9	30.81	8.18	23.99	2.93*
170.2	171.0	30.85	8.18	24.02	+

MAX DEPTH 173.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 40.90
 DATE 15/12/76
 TIME (PST) 1031

TAPE CZ0/78/ 8- 96
 LONG W123 14.83
 PASS NO. 27
 STN: LINE F-10

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.50	8.25	23.74	6.31
2.1	2.1	30.53	8.23	23.77	5.90
5.1	5.1	30.56	8.23	23.79	5.46*
10.4	10.4	30.59	8.22	23.82	4.91*
15.1	15.1	30.64	8.20	23.86	4.48*
20.1	20.2	30.69	8.19	23.90	4.77
25.1	25.3	30.70	8.19	23.90	8.05
30.3	30.4	30.74	8.18	23.94	2.68*
35.1	35.3	30.74	8.18	23.94	4.00
40.2	40.3	30.78	8.18	23.97	3.74*
45.0	45.3	30.78	8.18	23.97	1.85*
50.3	50.5	30.79	8.18	23.98	1.99*
60.1	60.4	30.80	8.17	23.99	2.79*
70.1	70.5	30.85	8.17	24.03	3.24*
80.2	80.5	30.89	8.16	24.06	4.29*
90.2	90.6	30.92	8.16	24.08	9.03
100.2	100.7	31.21	8.10	24.31	4.44*
110.3	110.8	31.23	8.10	24.33	3.25*
120.1	120.7	31.22	8.10	24.33	+
130.1	130.7	31.34	8.08	24.42	4.42
140.2	140.9	31.37	8.08	24.44	+
150.2	151.0	31.42	8.07	24.48	2.44*
160.3	161.1	31.38	8.08	24.45	3.16
170.0	170.9	31.49	8.06	24.54	2.98*
180.3	181.3	31.59	8.03	24.62	4.20*
190.0	191.0	31.58	8.04	24.62	2.94*
200.1	201.1	31.55	8.04	24.59	6.93
210.2	211.3	31.54	8.05	24.58	+
220.0	221.2	31.55	8.05	24.59	+
230.1	231.3	31.56	8.05	24.60	+
240.2	241.5	31.57	8.05	24.60	3.05*
250.1	251.4	31.63	8.03	24.65	3.57*
260.0	261.4	31.65	8.03	24.67	3.92
270.1	271.5	31.66	8.03	24.68	4.16
280.2	281.6	31.70	8.02	24.71	3.92
290.3	291.8	31.79	8.00	24.78	6.16
300.1	301.7	31.84	7.99	24.83	

MAX DEPTH 308.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 39.37
 DATE 15/12/76
 TIME (PST) 1102

TAPE CZ0/78/ 8- 97
 LONG W123 14.17
 PASS NO. 29
 STN: LINE F-9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.39	8.27	23.65	7.59*
2.1	2.1	30.43	8.26	23.69	6.57*
5.1	5.1	30.45	8.26	23.70	5.03*
10.2	10.3	30.48	8.25	23.72	4.23
15.2	15.2	30.52	8.24	23.75	5.12
20.1	20.2	30.56	8.23	23.79	4.57*
25.1	25.2	30.60	8.22	23.82	4.50
30.2	30.4	30.65	8.21	23.87	3.91*
35.3	35.4	30.66	8.21	23.87	1.52*
40.3	40.5	30.66	8.21	23.87	2.94*
45.1	45.3	30.68	8.20	23.89	4.57*
50.2	50.4	30.71	8.20	23.91	4.13*
60.3	60.5	30.72	8.20	23.92	+
70.3	70.6	30.74	8.19	23.94	3.09*
80.3	80.7	30.79	8.18	23.97	4.76
90.1	90.5	30.79	8.19	23.98	2.22*
100.3	100.7	30.88	8.17	24.05	5.45
110.3	110.8	31.07	8.13	24.20	7.99*
120.3	120.8	31.10	8.13	24.22	2.49*
130.1	130.7	31.13	8.12	24.25	4.65*
140.2	140.9	31.18	8.11	24.29	+
150.1	150.9	31.29	8.09	24.37	5.77
160.1	160.9	31.44	8.06	24.50	4.57*
170.0	170.9	31.45	8.06	24.51	3.83*
180.2	181.2	31.59	8.04	24.62	4.09*
190.0	191.0	31.61	8.03	24.64	2.39*
200.2	201.2	31.64	8.02	24.67	3.65*
210.2	211.3	31.74	8.00	24.75	+
220.1	221.3	31.93	7.96	24.90	+
230.1	231.4	31.99	7.95	24.94	+
240.1	241.4	31.99	7.95	24.95	4.18*
250.1	251.4	32.07	7.94	25.01	1.91
260.1	261.5	32.07	7.94	25.01	

MAX DEPTH 263.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 38.07
 DATE 15/12/76
 TIME (PST) 1126

TAPE CZ0/78/ 8- 98
 LONG W123 13.23
 PASS NO. 31
 STN: LINE F-8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.31	8.32	23.58	10.14
2.1	2.1	30.36	8.28	23.62	8.04
5.0	5.0	30.54	8.23	23.77	12.37
10.2	10.3	30.63	8.21	23.84	6.32*
15.2	15.3	30.64	8.21	23.86	5.81
20.1	20.2	30.69	8.20	23.89	4.79*
25.1	25.2	30.72	8.19	23.92	3.40*
30.1	30.3	30.74	8.19	23.94	4.43
35.2	35.4	30.77	8.18	23.96	3.01*
40.3	40.5	30.78	8.18	23.97	3.82
45.1	45.3	30.80	8.18	23.98	5.37*
50.3	50.6	30.82	8.17	24.00	4.61*
60.1	60.4	30.96	8.15	24.12	5.11*
70.2	70.5	31.15	8.11	24.27	7.83*
80.2	80.6	31.37	8.07	24.44	8.23
90.3	90.7	31.45	8.05	24.51	6.64*
100.0	100.6	31.54	8.03	24.58	3.79*
110.1	110.6	31.59	8.02	24.62	2.37*
120.2	120.8	31.59	8.03	24.62	+
130.0	130.7	31.59	8.03	24.62	1.09*
140.3	141.0	31.59	8.03	24.62	2.54*
150.3	151.1	31.61	8.03	24.64	+
160.0	160.9	31.70	8.01	24.71	7.18*
170.4	171.3	31.93	7.96	24.90	6.07*
180.1	181.1	31.92	7.97	24.89	+
190.3	191.3	31.94	7.96	24.91	2.02*
200.2	201.3	31.93	7.96	24.90	+
210.1	211.2	31.94	7.96	24.90	2.58*
220.1	221.3	31.99	7.95	24.94	4.23*
230.1	231.4	32.03	7.94	24.98	+
240.2	241.5	32.05	7.94	25.00	4.18*

MAX DEPTH 241.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 36.84
 DATE 15/12/76
 TIME (PST) 1147

TAPE CZ0/78/ 8- 99
 LONG W123 12.70
 PASS NO. 33
 STN: LINE F-7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.31	8.36	23.57	12.70
2.2	2.2	30.39	8.28	23.65	9.73
5.0	5.0	30.45	8.26	23.70	6.88*
10.1	10.1	30.46	8.25	23.71	4.88
15.1	15.2	30.60	8.22	23.82	8.03
20.0	20.1	30.65	8.21	23.87	5.25*
25.1	25.2	30.68	8.20	23.88	3.09*
30.1	30.2	30.68	8.20	23.89	2.90*
35.2	35.3	30.70	8.20	23.90	3.30*
40.2	40.4	30.70	8.20	23.90	4.87*
45.0	45.2	30.78	8.18	23.97	5.84*
50.1	50.3	30.79	8.18	23.98	5.80*
60.3	60.6	30.90	8.16	24.07	3.31*
70.3	70.6	30.94	8.15	24.10	3.20*
80.0	80.4	31.01	8.14	24.15	4.59*
90.0	90.5	31.09	8.12	24.22	4.55
100.2	100.7	31.35	8.07	24.43	5.24
110.1	110.7	31.59	8.02	24.62	8.56*
120.1	120.7	31.59	8.02	24.62	1.88*
130.1	130.7	31.60	8.02	24.64	4.26*
140.1	140.8	31.73	8.00	24.74	6.24
150.1	150.9	31.83	7.98	24.81	3.78*
160.2	161.1	31.86	7.97	24.84	4.97
170.3	171.2	31.85	7.97	24.83	+
180.1	181.0	31.84	7.98	24.82	3.02
190.1	191.1	31.91	7.96	24.88	7.02*
200.1	201.2	31.88	7.97	24.86	+
210.1	211.2	31.88	7.97	24.86	+
220.0	221.2	31.98	7.95	24.94	+
230.2	231.4	31.98	7.95	24.94	+
240.0	241.3	31.98	7.95	24.94	+

MAX DEPTH 244.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 35.32
 DATE 15/12/76
 TIME (PST) 1207

TAPE CZ0/78/ 8-100
 LONG W123 12.98
 PASS NO. 35
 STN: LINE F-6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.74	8.23	23.93	7.64
2.1	2.1	30.76	8.20	23.95	6.04
5.1	5.1	30.79	8.19	23.98	5.10
10.0	10.1	30.83	8.17	24.00	3.76*
15.3	15.3	30.85	8.17	24.02	3.37*
20.1	20.1	30.88	8.16	24.05	3.32*
25.1	25.2	30.88	8.16	24.05	2.59*
30.1	30.2	30.93	8.15	24.09	1.67*
35.2	35.3	30.94	8.15	24.09	1.63*
40.3	40.5	30.96	8.14	24.11	1.88*
45.2	45.4	30.95	8.15	24.10	+
50.2	50.4	30.93	8.15	24.09	2.39*
60.1	60.3	30.95	8.15	24.10	4.05*
70.3	70.7	31.00	8.14	24.15	6.42*
80.2	80.6	31.17	8.10	24.29	6.72*
90.2	90.7	31.27	8.08	24.36	3.13*
100.3	100.8	31.29	8.08	24.38	4.31*
110.0	110.6	31.39	8.06	24.46	5.83*
120.3	120.9	31.58	8.03	24.62	7.39
130.0	130.7	31.68	8.01	24.69	4.98
140.2	140.9	31.70	8.00	24.71	+
150.3	151.1	31.78	7.99	24.78	8.86*
160.2	161.0	31.78	7.99	24.77	+
170.3	171.2	31.81	7.98	24.80	3.48*
180.0	181.0	31.83	7.98	24.82	2.46*
190.1	191.1	31.85	7.98	24.83	2.15*
200.1	201.2	31.92	7.96	24.89	2.65*
210.2	211.4	32.04	7.94	24.98	4.70*
220.1	221.3	32.05	7.94	25.00	3.99*
230.0	231.3	32.07	7.93	25.01	1.22*
240.1	241.4	32.06	7.94	25.00	+
250.2	251.5	32.07	7.93	25.01	+
260.1	261.6	32.14	7.92	25.07	3.49

MAX DEPTH 262.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 33.75
 DATE 15/12/76
 TIME (PST) 1231

TAPE CZ0/78/ 8-101
 LONG W123 12.67
 PASS NO. 37
 STN: LINE F-5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.66	8.27	23.86	3.53*
2.0	2.1	30.66	8.25	23.87	1.37*
5.1	5.1	30.68	8.22	23.89	3.60*
10.2	10.3	30.70	8.20	23.90	3.67*
15.3	15.3	30.70	8.20	23.90	3.74*
20.3	20.4	30.74	8.19	23.93	3.53*
25.2	25.3	30.75	8.18	23.95	3.31*
30.3	30.5	30.79	8.18	23.97	4.72
35.1	35.2	30.87	8.16	24.04	8.99
40.1	40.3	30.93	8.15	24.09	4.02*
45.1	45.3	30.95	8.14	24.11	2.44*
50.1	50.4	30.95	8.14	24.11	2.26*
60.1	60.4	30.97	8.14	24.12	1.97*
70.2	70.5	30.98	8.14	24.13	2.27*
80.2	80.5	31.00	8.13	24.15	2.24*
90.2	90.6	31.02	8.13	24.16	1.98*
100.3	100.8	31.04	8.12	24.18	4.15*
110.1	110.6	31.14	8.11	24.26	5.80
120.3	120.9	31.23	8.09	24.33	2.65*
130.0	130.7	31.26	8.09	24.35	3.68*
140.1	140.7	31.31	8.08	24.40	5.44
150.2	151.0	31.43	8.06	24.50	5.07*
160.2	161.0	31.46	8.05	24.52	2.90*
170.1	170.9	31.52	8.04	24.56	3.50
180.2	181.2	31.62	8.02	24.65	4.08*
190.2	191.1	31.60	8.03	24.63	6.67
200.1	201.1	31.72	8.00	24.73	+
210.1	211.2	31.74	8.00	24.74	+
220.1	221.3	31.77	7.99	24.77	+
230.1	231.3	31.79	7.99	24.79	4.77*
240.3	241.6	31.94	7.96	24.90	+
250.1	251.4	32.00	7.95	24.96	+
260.3	261.7	32.07	7.94	25.01	4.57
270.1	271.6	32.10	7.93	25.03	3.41*
280.0	281.6	32.15	7.92	25.07	4.13

MAX DEPTH 286.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 32.65
 DATE 15/12/76
 TIME (PST) 1254

TAPE CZ0/78/ 8-102
 LONG W123 11.52
 PASS NO. 39
 STN: LINE F-4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.75	8.22	23.94	4.11
2.1	2.1	30.75	8.21	23.94	1.92*
5.1	5.2	30.80	8.19	23.98	4.84
10.1	10.1	30.81	8.19	23.99	5.56
15.2	15.3	30.89	8.16	24.06	4.28*
20.3	20.4	30.91	8.16	24.07	2.17*
25.0	25.2	30.91	8.16	24.07	2.00*
30.1	30.3	30.92	8.16	24.08	2.22
35.1	35.2	30.92	8.16	24.08	4.40
40.1	40.3	30.96	8.16	24.11	2.00*
45.1	45.3	30.96	8.16	24.11	2.48*
50.2	50.4	30.99	8.15	24.14	3.86*
60.2	60.5	31.02	8.13	24.16	1.90*
70.1	70.4	31.03	8.13	24.17	1.34*
80.1	80.5	31.04	8.12	24.18	1.48*
90.2	90.6	31.06	8.12	24.20	5.46*
100.0	100.5	31.26	8.08	24.36	7.75
110.2	110.7	31.34	8.07	24.42	+
120.2	120.8	31.36	8.07	24.44	3.97*
130.1	130.7	31.42	8.06	24.48	3.94
140.2	140.9	31.52	8.04	24.56	6.75
150.2	151.0	31.59	8.02	24.62	2.56*
160.0	160.9	31.59	8.03	24.63	2.05*
170.2	171.1	31.61	8.02	24.64	3.45*
180.2	181.1	31.69	8.01	24.71	4.32
190.1	191.2	31.82	7.98	24.81	4.43*
200.2	201.3	32.01	7.94	24.96	4.05*
210.2	211.4	32.01	7.94	24.96	+
220.1	221.3	32.01	7.94	24.97	+
230.0	231.3	32.02	7.94	24.97	2.00*
240.2	241.6	32.06	7.94	25.00	+

MAX DEPTH 246.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 7 HARO STRAIT 1976

LAT N48 31.26

DATE 15/12/76

TIME (PST) 1316

TAPE CZO/78/ 8-103

LONG W123 10.59

PASS NO. 41

STN: LINE F-3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	31.04	8.14	24.18	1.84*
2.0	2.1	31.05	8.13	24.18	.78*
5.0	5.0	31.05	8.13	24.19	2.04*
10.3	10.3	31.05	8.13	24.19	2.25*
15.2	15.3	31.06	8.12	24.20	2.45*
20.3	20.4	31.08	8.12	24.21	2.96*
25.3	25.4	31.07	8.12	24.20	3.49*
30.1	30.2	31.11	8.11	24.23	2.77*
35.1	35.2	31.11	8.11	24.24	2.02*
40.1	40.3	31.11	8.11	24.24	2.26*
45.1	45.3	31.12	8.11	24.24	2.52*
50.1	50.3	31.15	8.10	24.27	2.43*
60.1	60.4	31.23	8.08	24.33	2.47*
70.1	70.5	31.25	8.08	24.35	4.10
80.1	80.5	31.28	8.07	24.38	1.97*
90.2	90.7	31.29	8.07	24.38	1.16*
100.0	100.5	31.29	8.07	24.38	1.63*
110.1	110.6	31.31	8.07	24.40	3.46
120.1	120.7	31.31	8.07	24.40	+
130.2	130.8	31.33	8.07	24.42	1.33*
140.3	141.0	31.35	8.07	24.43	2.48*
150.2	150.9	31.36	8.07	24.44	1.75
160.1	160.9	31.39	8.06	24.46	2.34*
170.2	171.1	31.43	8.06	24.49	2.92*
180.0	180.9	31.49	8.04	24.54	4.88*
190.2	191.2	31.71	8.00	24.72	5.80*
200.0	201.1	31.82	7.98	24.81	5.33
210.3	211.4	31.86	7.98	24.84	3.27*
220.2	221.4	31.90	7.97	24.87	3.39*
230.1	231.3	31.97	7.95	24.93	2.00*
240.1	241.4	31.96	7.95	24.93	+

MAX DEPTH 243.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 30.31
 DATE 15/12/76
 TIME (PST) 1335

TAPE CZ0/78/ 8-104
 LONG W123 9.38
 PASS NO. 43
 STN: LINE F-2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	31.06	8.13	24.19	2.24*
2.0	2.0	31.07	8.12	24.20	.85*
5.1	5.1	31.07	8.12	24.20	2.19*
10.1	10.2	31.07	8.12	24.21	2.14*
15.2	15.3	31.08	8.12	24.21	2.09*
20.1	20.2	31.09	8.11	24.22	2.13*
25.2	25.3	31.08	8.11	24.21	2.17*
30.2	30.3	31.09	8.11	24.22	+
35.2	35.3	31.12	8.11	24.24	2.25*
40.2	40.4	31.13	8.10	24.25	1.91*
45.0	45.2	31.12	8.10	24.25	1.55*
50.3	50.6	31.12	8.11	24.24	+
60.3	60.6	31.14	8.10	24.26	4.22
70.1	70.4	31.16	8.10	24.28	3.40*
80.1	80.5	31.23	8.08	24.33	3.12*
90.3	90.8	31.23	8.08	24.33	1.22*
100.1	100.6	31.24	8.09	24.34	1.47*
110.2	110.7	31.26	8.08	24.36	1.88*
120.3	120.8	31.27	8.08	24.37	2.15*
130.1	130.7	31.26	8.09	24.35	+
140.1	140.8	31.27	8.08	24.37	3.05*
150.1	150.8	31.32	8.08	24.40	6.04*
160.3	161.1	31.54	8.04	24.58	7.42
170.3	171.2	31.83	7.98	24.81	4.72*
180.0	181.0	31.97	7.95	24.93	6.44
190.1	191.1	32.03	7.94	24.98	4.17*
200.3	201.4	32.03	7.94	24.98	1.56*
210.2	211.3	32.04	7.94	24.99	2.18*
220.1	221.3	32.07	7.93	25.01	3.18*
230.1	231.3	32.11	7.92	25.05	4.39
240.2	241.5	32.12	7.92	25.05	+
250.3	251.7	32.12	7.92	25.05	2.72
260.0	261.5	32.13	7.92	25.06	+
270.1	271.7	32.13	7.92	25.06	4.36*
280.0	281.6	32.13	7.92	25.06	2.28*
290.3	291.9	32.13	7.92	25.06	+
300.1	301.8	32.14	7.92	25.07	+
310.1	311.8	32.15	7.92	25.08	

MAX DEPTH 310.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 28.66
 DATE 15/12/76
 TIME (PST) 1359

TAPE CZ0/78/ 8-105
 LONG W123 8.60
 PASS NO. 45
 STN: LINE F-1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.94	8.16	24.10	8.91
2.2	2.2	30.99	8.14	24.13	6.90
5.0	5.0	31.02	8.13	24.16	5.19*
10.2	10.2	31.06	8.13	24.19	4.09*
15.0	15.1	31.08	8.12	24.21	4.34*
20.2	20.3	31.12	8.11	24.24	4.45*
25.1	25.2	31.14	8.10	24.26	3.75*
30.1	30.3	31.17	8.10	24.28	3.63
35.1	35.3	31.19	8.09	24.30	6.32
40.1	40.3	31.20	8.09	24.31	3.26*
45.1	45.3	31.22	8.08	24.32	1.87*
50.3	50.5	31.22	8.08	24.32	.95*
60.3	60.6	31.22	8.08	24.32	.16*
70.1	70.5	31.22	8.08	24.33	1.27*
80.1	80.5	31.24	8.08	24.34	1.20*
90.2	90.7	31.23	8.08	24.34	2.90*
100.2	100.7	31.31	8.07	24.40	6.47*
110.0	110.6	31.45	8.05	24.51	6.70*
120.1	120.7	31.57	8.02	24.61	6.03*
130.2	130.9	31.69	8.00	24.70	5.01*
140.3	141.0	31.76	7.99	24.76	3.74*
150.1	150.9	31.79	7.98	24.79	3.89
160.3	161.1	31.80	7.98	24.79	+
170.1	171.0	31.86	7.97	24.85	3.97*
180.0	181.0	31.90	7.96	24.87	4.72
190.2	191.3	31.98	7.94	24.94	3.67*
200.3	201.4	31.99	7.95	24.94	+
210.0	211.2	32.04	7.93	24.99	+
220.4	221.6	32.04	7.94	24.99	3.36*
230.2	231.5	32.13	7.92	25.06	6.05
240.1	241.4	32.17	7.91	25.09	+
250.1	251.5	32.19	7.90	25.11	6.40*

MAX DEPTH 256.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 27.36
 DATE 16/12/76
 TIME (PST) 0717

TAPE CZ0/78/ 8-106
 LONG W123 15.61
 PASS NO. 47
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.89	8.13	24.06	3.05*
2.1	2.1	30.89	8.13	24.06	.88*
5.2	5.2	30.90	8.13	24.07	2.28*
10.2	10.2	30.90	8.13	24.07	1.51*
15.2	15.3	30.91	8.14	24.07	.73*
20.1	20.2	30.90	8.14	24.07	.92*
25.0	25.1	30.91	8.14	24.08	1.13*
30.1	30.2	30.91	8.14	24.08	
35.1	35.3	30.92	8.14	24.08	

MAX DEPTH 39.6

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 27.78
 DATE 16/12/76
 TIME (PST) 0730

TAPE CZ0/78/ 8-107
 LONG W123 14.72
 PASS NO. 49
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.67	8.14	23.89	3.97*
2.1	2.1	30.68	8.14	23.89	1.10*
5.2	5.2	30.69	8.14	23.91	2.86*
10.2	10.2	30.69	8.14	23.91	1.75*
15.2	15.3	30.70	8.14	23.91	.63*
20.1	20.2	30.69	8.14	23.90	3.90
25.1	25.2	30.82	8.17	24.00	7.36
30.1	30.3	30.90	8.16	24.07	7.42*
35.1	35.2	31.02	8.13	24.16	7.22

MAX DEPTH 39.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 28.02
 DATE 16/12/76
 TIME (PST) 0743

TAPE CZ0/78/ 8-108
 LONG W123 13.86
 PASS NO. 51
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.65	8.19	23.86	2.32
2.0	2.0	30.65	8.18	23.86	1.23*
5.2	5.2	30.66	8.18	23.87	3.10
10.1	10.1	30.69	8.16	23.90	3.88
15.1	15.2	30.71	8.15	23.92	2.59*
20.1	20.2	30.71	8.16	23.92	2.47*
25.1	25.2	30.74	8.17	23.93	3.73*
30.1	30.2	30.75	8.17	23.94	7.42*
35.1	35.3	30.87	8.16	24.04	
40.0	40.2	31.08	8.12	24.21	

MAX DEPTH 41.9

CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 28.25
 DATE 16/12/76
 TIME (PST) 0756

TAPE CZ0/78/ 8-109
 LONG W123 13.23
 PASS NO. 53
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.58	8.20	23.81	4.28
2.2	2.2	30.59	8.20	23.82	6.92
5.1	5.1	30.63	8.19	23.85	4.78
10.2	10.3	30.76	8.18	23.95	8.63
15.1	15.2	30.77	8.18	23.96	2.92*
20.2	20.3	30.78	8.18	23.97	1.84*
25.1	25.2	30.78	8.17	23.97	1.68*
30.3	30.4	30.79	8.18	23.98	1.69*
35.0	35.2	30.79	8.18	23.98	1.81*
40.0	40.2	30.81	8.18	23.99	3.16
45.0	45.2	30.82	8.18	24.00	3.37*
50.0	50.2	30.81	8.18	23.99	1.35
60.2	60.4	30.84	8.17	24.02	2.21*
70.1	70.5	30.86	8.17	24.03	1.90*
80.2	80.5	30.90	8.17	24.06	8.32*

MAX DEPTH 87.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.48
 DATE 16/12/76
 TIME (PST) 0808

TAPE CZ0/78/ 8-110
 LONG W123 12.43
 PASS NO. 55
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.65	8.20	23.87	3.75*
2.0	2.0	30.65	8.20	23.87	1.19*
5.1	5.1	30.67	8.20	23.88	3.12*
10.2	10.2	30.69	8.19	23.89	2.48*
15.3	15.4	30.69	8.19	23.89	1.85*
20.1	20.2	30.71	8.19	23.91	3.67
25.1	25.2	30.77	8.18	23.96	4.74
30.2	30.4	30.79	8.18	23.98	3.63*
35.0	35.2	30.83	8.17	24.01	4.99
40.2	40.4	30.90	8.16	24.06	5.21
45.1	45.3	30.96	8.15	24.12	5.73
50.1	50.3	30.99	8.14	24.13	2.73*
60.2	60.5	31.00	8.14	24.14	1.75*
70.1	70.4	31.00	8.14	24.15	1.53*
80.2	80.6	31.01	8.14	24.15	1.58*
90.0	90.5	31.10	8.12	24.23	10.82
100.1	100.6	31.24	8.10	24.34	4.71
110.2	110.7	31.39	8.06	24.47	4.10*
120.0	120.6	31.41	8.06	24.48	2.82*
130.2	130.8	31.64	8.01	24.67	7.26*

MAX DEPTH 138.6

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.74
 DATE 16/12/76
 TIME (PST) 0821

TAPE CZ0/78/ 8-111
 LONG W123 11.86
 PASS NO. 57
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.75	8.17	23.94	.66*
2.1	2.1	30.74	8.17	23.94	.56*
5.2	5.3	30.75	8.17	23.94	1.42*
10.2	10.3	30.76	8.18	23.95	2.18*
15.2	15.3	30.77	8.18	23.96	2.93*
20.2	20.3	30.79	8.18	23.98	7.32
25.1	25.2	30.86	8.17	24.03	4.82*
30.2	30.4	30.87	8.17	24.04	5.06
35.1	35.2	30.95	8.15	24.11	5.95*
40.1	40.3	30.96	8.15	24.12	2.94
45.2	45.5	30.98	8.14	24.13	5.06
50.1	50.3	31.01	8.13	24.16	3.64*
60.1	60.4	31.06	8.13	24.19	4.02*
70.1	70.4	31.10	8.12	24.22	3.54*
80.2	80.6	31.10	8.12	24.23	1.33*
90.1	90.6	31.14	8.11	24.26	6.35
100.0	100.5	31.23	8.09	24.33	5.79
110.0	110.6	31.45	8.05	24.51	5.90

MAX DEPTH 117.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 16/12/76
 TIME (PST) 0834

TAPE CZ078/ 8-112
 LONG W123 11.04
 PASS NO. 59
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.72	8.19	23.92	6.50*
2.0	2.1	30.73	8.19	23.92	2.16*
5.0	5.0	30.78	8.18	23.97	5.48*
10.1	10.1	30.83	8.17	24.01	4.46*
15.0	15.1	30.84	8.17	24.02	3.44*
20.1	20.2	30.87	8.17	24.04	5.14
25.0	25.2	30.93	8.15	24.09	6.25*
30.1	30.3	30.97	8.14	24.12	3.59
35.1	35.3	31.00	8.13	24.15	5.34
40.2	40.4	31.03	8.12	24.17	4.11*
45.2	45.5	31.06	8.12	24.19	3.04*
50.2	50.5	31.06	8.12	24.20	2.05*
60.2	60.5	31.12	8.11	24.24	5.64
70.3	70.6	31.19	8.09	24.30	3.98*
80.2	80.6	31.24	8.08	24.34	4.15
90.0	90.5	31.31	8.07	24.40	3.29
100.1	100.6	31.36	8.06	24.44	4.38*
110.2	110.8	31.41	8.05	24.48	2.92*
120.1	120.7	31.42	8.05	24.49	4.12*
130.2	130.8	31.55	8.03	24.59	7.26
140.3	141.0	31.63	8.01	24.66	3.98
150.2	151.0	31.72	7.99	24.73	4.04*
160.2	161.1	31.74	7.99	24.74	3.05*
170.3	171.2	31.77	7.98	24.77	2.44*
180.2	181.2	31.78	7.98	24.78	2.45*
190.2	191.2	31.82	7.98	24.81	

MAX DEPTH 195.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 29.24
 DATE 16/12/76
 TIME (PST) 0851

TAPE CZ0/78/ 8-113
 LONG W123 10.40
 PASS NO. 61
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.98	8.13	24.13	2.86*
2.1	2.1	30.98	8.13	24.13	1.09*
5.1	5.1	30.98	8.13	24.13	2.86*
10.2	10.3	31.01	8.13	24.16	2.86*
15.2	15.2	31.02	8.12	24.17	2.86*
20.0	20.1	31.03	8.12	24.17	2.62*
25.2	25.3	31.04	8.12	24.18	2.38*
30.0	30.2	31.05	8.12	24.19	1.76*
35.1	35.2	31.05	8.12	24.19	1.13*
40.1	40.3	31.05	8.12	24.19	1.76*
45.1	45.3	31.06	8.12	24.20	2.43*
50.3	50.5	31.07	8.12	24.21	4.65*
60.2	60.4	31.24	8.08	24.34	6.22
70.2	70.6	31.31	8.07	24.40	2.12*
80.0	80.4	31.31	9.07	24.40	2.07*
90.0	90.5	31.33	8.06	24.42	3.47*
100.2	100.7	31.37	8.06	24.45	3.74*
110.1	110.6	31.38	8.06	24.45	+
120.1	120.7	31.44	8.05	24.50	3.56*
130.3	130.9	31.46	8.04	24.52	2.35*
140.0	140.7	31.48	8.04	24.53	2.25*
150.1	150.9	31.50	8.04	24.55	3.57*
160.2	161.0	31.56	8.03	24.60	4.28
170.2	171.1	31.57	8.02	24.61	+
180.2	181.2	31.84	7.97	24.83	5.72

MAX DEPTH 187.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 29.40
 DATE 16/12/76
 TIME (PST) 0907

TAPE CZ0/78/ 8-114
 LONG W123 9.50
 PASS NO. 63
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	31.07	8.11	24.20	.24*
2.0	2.0	31.07	8.11	24.20	.24*
5.2	5.2	31.06	8.11	24.20	.76*
10.2	10.3	31.07	8.11	24.20	+
15.1	15.2	31.08	8.11	24.21	1.80*
20.1	20.2	31.08	8.11	24.21	2.31*
25.2	25.3	31.09	8.11	24.22	2.83*
30.0	30.2	31.11	8.10	24.23	3.77*
35.2	35.4	31.10	8.10	24.23	4.72*
40.1	40.3	31.17	8.09	24.29	3.86*
45.1	45.3	31.19	8.09	24.30	2.98*
50.0	50.3	31.21	8.08	24.32	3.27*
60.2	60.5	31.25	8.08	24.35	4.13
70.0	70.4	31.31	8.07	24.40	3.72
80.1	80.5	31.42	8.05	24.48	6.86
90.1	90.6	31.48	8.04	24.54	2.80*
100.2	100.7	31.48	8.04	24.53	1.00*
110.1	110.7	31.50	8.03	24.55	1.36*
120.0	120.6	31.50	8.03	24.55	1.06*
130.2	130.8	31.51	8.03	24.56	3.77
140.2	141.0	31.54	8.03	24.58	1.97*
150.2	151.0	31.58	8.02	24.61	3.90
160.1	160.9	31.59	8.02	24.62	+
170.0	170.9	31.73	8.00	24.73	7.45*
180.2	181.2	31.77	7.99	24.77	2.14*
190.0	191.0	31.80	7.98	24.79	4.24*
200.1	201.2	31.85	7.97	24.83	5.93
210.1	211.2	31.85	7.97	24.84	2.02*
220.1	221.2	31.90	7.96	24.88	1.10*
230.1	231.4	31.91	7.96	24.88	2.27*
240.3	241.6	31.96	7.95	24.93	2.31*
250.2	251.6	31.98	7.95	24.94	4.19

MAX DEPTH 259.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 29.75
 DATE 16/12/76
 TIME (PST) 0924

TAPE CZ0/78/ 8-115
 LONG W123 8.86
 PASS NO. 65
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.97	8.13	24.13	4.18*
2.1	2.1	30.97	8.13	24.12	.27*
5.1	5.1	30.97	8.13	24.12	3.49*
10.2	10.2	30.96	8.13	24.11	+
15.1	15.2	30.96	8.13	24.12	2.11*
20.2	20.3	30.97	8.13	24.12	1.42*
25.0	25.2	30.97	8.13	24.12	.73*
30.1	30.2	30.97	8.13	24.12	1.25*
35.2	35.4	30.98	8.13	24.13	1.78*
40.1	40.3	30.99	8.13	24.14	3.32*
45.1	45.3	30.99	8.13	24.14	4.88*
50.2	50.4	31.06	8.12	24.19	8.48
60.1	60.4	31.10	8.12	24.23	+
70.1	70.4	31.16	8.10	24.28	2.33*
80.2	80.6	31.17	8.10	24.28	1.11*
90.2	90.7	31.17	8.10	24.29	2.28*
100.0	100.5	31.21	8.09	24.32	2.89*
110.1	110.6	31.23	8.09	24.33	2.47*
120.1	120.7	31.25	8.09	24.35	3.10*
130.0	130.6	31.32	8.07	24.40	4.85
140.1	140.8	31.36	8.07	24.44	2.92*
150.1	150.9	31.42	8.06	24.49	4.45*
160.2	161.0	31.52	8.04	24.56	4.76*
170.0	170.9	31.63	8.01	24.65	4.47*
180.1	181.0	31.65	8.01	24.68	2.33
190.1	191.1	31.69	8.00	24.71	6.84*
200.2	201.3	31.67	8.01	24.69	+
210.1	211.2	31.75	7.99	24.75	4.37*
220.1	221.2	31.81	7.98	24.80	5.24*
230.2	231.4	31.86	7.97	24.84	4.48*
240.2	241.5	31.94	7.96	24.90	4.05*
250.2	251.6	31.98	7.95	24.94	3.20*
260.1	261.5	32.01	7.94	24.97	2.72*
270.1	271.6	32.03	7.94	24.98	3.23*
280.1	281.7	32.10	7.92	25.04	8.11
290.3	291.9	32.22	7.90	25.14	2.93*
300.1	301.8	32.24	7.89	25.15	2.75*

MAX DEPTH 307.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 27.36
 DATE 16/12/76
 TIME (PST) 1132

TAPE CZ0/78/ 8-116
 LONG W123 15.61
 PASS NO. 67
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.49	8.24	23.73	4.72
2.1	2.1	30.50	8.22	23.75	5.81
5.2	5.2	30.54	8.22	23.78	7.24*
10.2	10.3	30.74	8.18	23.93	8.58*
15.2	15.3	30.78	8.17	23.97	6.48*
20.1	20.2	30.85	8.15	24.03	4.53*
25.2	25.3	30.85	8.15	24.03	3.22*
30.1	30.2	30.86	8.15	24.03	2.22
35.2	35.3	30.87	8.15	24.04	+
40.1	40.2	30.87	8.15	24.04	+

MAX DEPTH 40.2

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 27.78
 DATE 16/12/76
 TIME (PST) 1139

TAPE CZ0/78/ 8-117
 LONG W123 14.72
 PASS NO. 69
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.56	8.24	23.79	4.28
2.1	2.1	30.58	8.23	23.80	4.36
5.0	5.1	30.60	8.22	23.82	7.98
10.1	10.1	30.71	8.18	23.91	5.77
15.0	15.1	30.77	8.17	23.96	5.41*
20.2	20.3	30.81	8.16	23.99	4.65
25.0	25.2	30.84	8.15	24.02	4.23*
30.1	30.2	30.87	8.14	24.04	3.89*
35.0	35.2	30.88	8.14	24.05	+
40.0	40.2	30.93	8.13	24.09	+

MAX DEPTH 42.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.02
 DATE 16/12/76
 TIME (PST) 1147

TAPE CZ0/78/ 8-118
 LONG W123 13.86
 PASS NO. 71
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.75	8.19	23.94	8.94
2.2	2.2	30.74	8.20	23.94	2.80*
5.2	5.2	30.85	8.16	24.03	7.30
10.2	10.3	30.91	8.15	24.07	5.77
15.0	15.1	30.96	8.12	24.12	4.01*
20.1	20.2	30.97	8.13	24.12	4.65
25.0	25.2	30.98	8.12	24.13	+
30.0	30.2	30.98	8.12	24.13	+
35.1	35.3	30.97	8.13	24.12	+
40.0	40.2	30.97	8.13	24.12	+
45.1	45.4	30.97	8.14	24.12	+

MAX DEPTH 49.9

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.25
 DATE 16/12/76
 TIME (PST) 1156

TAPE CZ0/78/ 8-119
 LONG W123 13.23
 PASS NO. 73
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.72	8.22	23.92	7.90
2.0	2.0	30.72	8.21	23.92	2.65*
5.2	5.2	30.83	8.17	24.01	6.85
10.2	10.2	30.86	8.16	24.03	5.80
15.0	15.1	30.90	8.16	24.06	3.46*
20.2	20.3	30.90	8.16	24.06	1.33*
25.3	25.4	30.91	8.16	24.07	4.33*
30.1	30.3	30.96	8.15	24.11	6.99
35.2	35.3	31.12	8.11	24.24	8.10
40.0	40.2	31.29	8.07	24.38	7.32*
45.1	45.3	31.30	8.07	24.39	1.74*
50.1	50.4	31.30	8.07	24.39	3.67*
60.1	60.4	31.40	8.05	24.47	5.49*

MAX DEPTH 62.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.48
 DATE 16/12/76
 TIME (PST) 1206

TAPE CZ0/78/ 8-120
 LONG W123 12.43
 PASS NO. 75
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.75	8.22	23.94	1.25
2.2	2.2	30.75	8.21	23.94	1.79*
5.2	5.2	30.75	8.21	23.94	4.50
10.1	10.1	30.83	8.17	24.01	7.76
15.1	15.1	30.95	8.15	24.10	7.13
20.2	20.3	31.03	8.13	24.17	5.35*
25.1	25.2	31.05	8.12	24.19	4.17*
30.1	30.2	31.04	8.12	24.18	3.06*
35.2	35.3	31.07	8.12	24.21	4.42
40.0	40.2	31.09	8.11	24.22	4.65*
45.2	45.4	31.12	8.11	24.25	3.59*
50.2	50.5	31.16	8.10	24.27	2.73*
60.2	60.5	31.17	8.10	24.28	2.05*
70.2	70.5	31.16	8.10	24.28	+
80.3	80.6	31.16	8.10	24.27	+
90.2	90.6	31.16	8.10	24.27	2.81*
100.0	100.5	31.20	8.09	24.31	5.38*
110.1	110.6	31.36	8.06	24.44	6.56
120.0	120.6	31.52	8.04	24.57	6.37*
130.1	130.8	31.66	8.00	24.68	

MAX DEPTH 135.7

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.74
 DATE 16/12/76
 TIME (PST) 1216

TAPE CZ0/78/ 8-121
 LONG W123 11.86
 PASS NO. 77
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.77	8.21	23.95	1.55
2.0	2.0	30.77	8.21	23.95	1.98*
5.1	5.1	30.78	8.19	23.97	4.99
10.1	10.2	30.87	8.16	24.04	8.44
15.1	15.2	30.96	8.14	24.12	6.03*
20.2	20.3	30.98	8.13	24.13	3.32
25.2	25.3	31.02	8.12	24.17	4.18
30.0	30.2	31.09	8.11	24.22	4.04*
35.2	35.3	31.09	8.11	24.22	+
40.1	40.3	31.10	8.11	24.23	2.80*
45.0	45.2	31.10	8.11	24.23	2.19*
50.2	50.4	31.10	8.11	24.23	+
60.1	60.3	31.11	8.11	24.24	1.34*
70.0	70.4	31.11	8.11	24.23	+
80.1	80.4	31.10	8.12	24.23	11.85
90.1	90.6	31.35	8.06	24.43	6.72
100.3	100.8	31.40	8.05	24.47	4.36*
110.2	110.8	31.51	8.03	24.56	7.12
120.0	120.7	31.58	8.02	24.62	2.61

MAX DEPTH 123.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 16/12/76
 TIME (PST) 1229

TAPE CZ0/78/ 8-122
 LONG W123 11.04
 PASS NO. 79
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	31.01	8.16	24.15	3.27
2.0	2.1	31.05	8.14	24.18	5.19
5.2	5.2	31.09	8.12	24.22	5.17*
10.1	10.2	31.11	8.11	24.24	2.56*
15.0	15.1	31.11	8.11	24.24	2.37*
20.1	20.2	31.12	8.11	24.24	2.73
25.0	25.2	31.14	8.10	24.26	5.72
30.2	30.3	31.16	8.09	24.28	3.30*
35.2	35.4	31.18	8.09	24.29	2.72*
40.0	40.2	31.19	8.09	24.30	2.66*
45.1	45.4	31.20	8.09	24.31	2.03*
50.2	50.4	31.22	8.08	24.33	1.23*
60.0	60.3	31.23	8.08	24.33	4.39*
70.1	70.4	31.35	8.06	24.43	5.63*
80.1	80.5	31.36	8.06	24.44	2.60*
90.1	90.5	31.42	8.05	24.49	6.74
100.2	100.7	31.46	8.04	24.52	1.93*
110.2	110.7	31.49	8.03	24.54	2.15*
120.2	120.8	31.49	8.03	24.55	3.24
130.0	130.7	31.52	8.03	24.57	3.08*
140.1	140.8	31.56	8.02	24.60	4.55*
150.2	151.0	31.68	8.00	24.70	6.97*
160.0	160.9	31.70	7.99	24.72	5.74
170.0	170.9	31.81	7.97	24.80	6.70*
180.0	181.0	31.94	7.95	24.90	4.30*
190.0	191.0	31.99	7.94	24.95	2.73*

MAX DEPTH 196.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 29.24
 DATE 16/12/76
 TIME (PST) 1241

TAPE CZ0/78/ 8-123
 LONG W123 10.40
 PASS NO. 81
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.99	8.15	24.14	5.68*
2.2	2.2	31.02	8.13	24.16	5.90*
5.1	5.2	31.06	8.12	24.20	6.23*
10.1	10.1	31.16	8.09	24.28	6.30
15.1	15.1	31.16	8.09	24.28	4.74*
20.1	20.2	31.17	8.09	24.29	1.74*
25.2	25.3	31.17	8.09	24.28	1.43*
30.1	30.2	31.17	8.09	24.28	1.41*
35.2	35.4	31.17	8.09	24.29	2.78*
40.0	40.2	31.22	8.09	24.32	3.97*
45.1	45.3	31.22	8.09	24.32	4.44*
50.0	50.3	31.24	8.08	24.34	4.72*
60.2	60.5	31.28	8.07	24.38	+
70.2	70.5	31.30	8.07	24.39	+
80.3	80.7	31.29	8.07	24.39	+
90.2	90.7	31.31	8.07	24.40	1.82*
100.0	100.5	31.31	8.07	24.40	2.27*
110.1	110.6	31.34	8.06	24.42	1.97*
120.1	120.7	31.34	8.07	24.42	1.83
130.1	130.7	31.43	8.05	24.50	6.27*
140.2	140.9	31.55	8.02	24.59	5.56*
150.0	150.8	31.66	8.00	24.68	5.71*
160.1	160.9	31.75	7.99	24.76	5.72
170.1	171.1	31.87	7.96	24.85	4.16
180.2	181.2	31.92	7.95	24.89	5.15*
190.2	191.2	32.00	7.93	24.96	+

MAX DEPTH 197.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 29.46
 DATE 16/12/76
 TIME (PST) 1255

TAPE CZO/78/ 8-124
 LONG W123 9.50
 PASS NO. 83
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	31.06	8.14	24.19	4.55*
2.1	2.1	31.05	8.15	24.18	1.50*
5.0	5.0	31.06	8.13	24.19	3.79*
10.1	10.1	31.11	8.11	24.23	3.03*
15.2	15.3	31.12	8.10	24.24	2.27*
20.2	20.3	31.13	8.10	24.25	2.20*
25.0	25.1	31.12	8.10	24.25	2.15*
30.1	30.3	31.14	8.10	24.26	2.22*
35.0	35.2	31.15	8.10	24.27	2.29*
40.1	40.3	31.16	8.10	24.28	2.18*
45.2	45.5	31.16	8.10	24.28	+
50.1	50.3	31.16	8.10	24.27	1.93*
60.2	60.5	31.17	8.10	24.29	1.81*
70.2	70.6	31.18	8.09	24.30	1.69*
80.2	80.6	31.19	8.09	24.30	.96*
90.1	90.5	31.20	8.09	24.31	1.12*
100.0	100.5	31.21	8.09	24.32	3.83
110.0	110.6	31.23	8.09	24.33	2.29*
120.3	120.8	31.28	8.08	24.37	3.90
130.2	130.8	31.29	8.08	24.38	5.46*
140.2	140.9	31.39	8.06	24.47	5.40
150.1	150.8	31.53	8.03	24.57	5.97*
160.2	161.0	31.57	8.02	24.61	5.92*
170.2	171.1	31.75	7.99	24.76	8.27
180.1	181.1	31.96	7.94	24.93	5.69*
190.2	191.3	32.04	7.93	24.99	5.16
200.3	201.4	32.13	7.90	25.06	3.70*
210.2	211.4	32.13	7.91	25.06	1.24*
220.1	221.4	32.15	7.90	25.07	1.54*
230.1	231.4	32.16	7.90	25.08	+
240.1	241.4	32.16	7.90	25.09	+

MAX DEPTH 247.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 29.75
 DATE 16/12/76
 TIME (PST) 1311

TAPE CZ0/78/ 8-125
 LONG W123 8.86
 PASS NO. 85
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.97	8.17	24.12	4.95*
2.2	2.2	30.99	8.16	24.13	4.59*
5.1	5.2	31.00	8.15	24.14	4.03*
10.1	10.1	31.03	8.13	24.17	4.31
15.3	15.3	31.04	8.13	24.18	3.62*
20.2	20.3	31.07	8.12	24.20	1.11*
25.2	25.3	31.04	8.13	24.17	4.24*
30.2	30.4	31.12	8.11	24.24	6.30*
35.1	35.3	31.16	8.09	24.28	3.92*
40.1	40.3	31.17	8.09	24.29	1.93*
45.2	45.4	31.18	8.09	24.29	1.60*
50.2	50.4	31.18	8.09	24.29	1.40*
60.0	60.3	31.20	8.09	24.31	2.16*
70.2	70.6	31.21	8.09	24.32	1.17*
80.1	80.5	31.22	8.09	24.32	1.74
90.1	90.6	31.23	8.08	24.34	2.32*
100.2	100.7	31.26	8.08	24.36	2.14*
110.2	110.8	31.27	8.08	24.36	1.02*
120.2	120.8	31.28	8.08	24.37	1.82*
130.2	130.8	31.29	8.08	24.38	1.91*
140.1	140.8	31.32	8.08	24.41	5.05
150.1	150.9	31.52	8.04	24.56	5.52
160.1	161.0	31.55	8.03	24.59	+
170.2	171.1	31.58	8.03	24.61	4.49*
180.1	181.0	31.70	8.00	24.71	6.88*
190.0	191.0	31.78	7.99	24.78	3.88*
200.2	201.2	31.80	7.98	24.80	2.32*
210.0	211.2	31.84	7.98	24.83	1.13*
220.1	221.3	31.84	7.98	24.83	2.14*
230.3	231.5	31.92	7.97	24.89	4.07*
240.1	241.4	31.98	7.95	24.94	7.41*
250.1	251.5	32.02	7.94	24.97	9.12
260.2	261.6	32.18	7.91	25.10	5.69*
270.1	271.6	32.19	7.91	25.11	2.41*
280.1	281.7	32.20	7.91	25.11	+
290.1	291.7	32.17	7.91	25.09	+
300.2	301.8	32.18	7.91	25.10	+

MAX DEPTH 306.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 27.30
 DATE 16/12/76
 TIME (PST) 1415

TAPE CZ0/78/ 8-126
 LONG W123 15.61
 PASS NO. 87
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.40	8.29	23.65	6.33
2.2	2.2	30.40	8.28	23.66	3.22*
5.1	5.2	30.54	8.23	23.78	8.38
10.3	10.3	30.69	8.20	23.90	10.44
15.1	15.2	30.79	8.16	23.98	4.84
20.1	20.2	30.81	8.15	23.99	5.85*
25.1	25.2	30.91	8.14	24.07	4.72*
30.1	30.3	30.92	8.14	24.08	2.86*
35.0	35.2	30.92	8.14	24.08	2.22*
MAX DEPTH	36.7				

CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 27.78
 DATE 16/12/76
 TIME (PST) 1426

TAPE CZ0/78/ 8-127
 LONG W123 14.72
 PASS NO. 89
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.61	8.27	23.83	3.56
2.1	2.1	30.62	8.27	23.83	2.42*
5.3	5.3	30.66	8.23	23.87	6.18
10.2	10.2	30.73	8.18	23.93	8.80
15.1	15.2	30.83	8.16	24.01	6.63*
20.1	20.1	30.92	8.14	24.09	6.58*
25.2	25.3	30.96	8.14	24.11	6.64*
30.3	30.4	31.02	8.13	24.16	6.85
35.2	35.4	31.19	8.09	24.30	7.94
40.2	40.4	31.24	8.08	24.34	+
MAX DEPTH	40.8				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.02
 DATE 16/12/76
 TIME (PST) 1434

TAPE CZ0/78/ 8-128
 LONG W123 13.86
 PASS NO. 91
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.58	8.28	23.80	12.46
2.1	2.1	30.59	8.28	23.80	3.61*
5.1	5.2	30.73	8.20	23.93	9.51
10.2	10.3	30.87	8.16	24.04	6.56
15.1	15.2	30.95	8.15	24.11	6.88
20.1	20.2	31.10	8.11	24.23	7.22
25.3	25.4	31.13	8.11	24.25	4.73*
30.1	30.3	31.18	8.10	24.29	6.88
35.2	35.4	31.33	8.06	24.42	8.70
40.0	40.2	31.39	8.05	24.46	4.18*
45.0	45.3	31.40	8.05	24.47	+

MAX DEPTH 49.8

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.25
 DATE 16/12/76
 TIME (PST) 1444

TAPE CZ0/78/ 8-129
 LONG W123 13.23
 PASS NO. 93
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.60	8.30	23.81	15.94
2.0	2.0	30.70	8.23	23.89	9.23
5.1	5.1	30.72	8.22	23.91	8.69
10.0	10.1	30.80	8.18	23.98	5.56*
15.0	15.1	30.84	8.17	24.02	5.89
20.0	20.1	30.95	8.15	24.11	7.29
25.1	25.2	31.00	8.14	24.15	4.17
30.0	30.2	31.17	8.10	24.28	6.34
35.1	35.3	31.20	8.09	24.31	

MAX DEPTH 37.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 28.48
 DATE 16/12/76
 TIME (PST) 1453

TAPE CZ0/78/ 8-130
 LONG W123 12.43
 PASS NO. 95
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.61	8.31	23.82	15.57
2.0	2.0	30.72	8.22	23.92	10.14
5.0	5.0	30.78	8.19	23.96	5.54
10.2	10.2	30.91	8.16	24.07	9.60
15.2	15.3	30.94	8.15	24.10	3.24*
20.3	20.4	30.95	8.15	24.10	2.48*
25.0	25.1	30.96	8.14	24.12	2.77*
30.1	30.2	30.98	8.14	24.13	3.01*
35.0	35.2	31.00	8.13	24.14	3.22*
40.0	40.2	31.02	8.13	24.16	4.34
45.1	45.3	31.07	8.12	24.20	7.03
50.2	50.4	31.12	8.11	24.24	5.87*
60.0	60.3	31.23	8.08	24.34	6.18
70.0	70.4	31.31	8.07	24.40	2.43*
80.0	80.4	31.34	8.06	24.42	4.02
90.3	90.7	31.49	8.03	24.54	4.06*
100.0	100.5	31.53	8.03	24.57	2.58*
110.1	110.6	31.55	8.03	24.59	3.92*
120.1	120.8	31.68	8.00	24.70	5.47*
130.1	130.8	31.76	7.99	24.76	4.90*

MAX DEPTH 132.3

CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 28.74
 DATE 16/12/76
 TIME (PST) 1505

TAPE CZ0/78/ 8-131
 LONG W123 11.86
 PASS NO. 97
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.67	8.27	23.87	1.51
2.2	2.2	30.69	8.26	23.88	6.90
5.2	5.2	30.80	8.20	23.98	8.49
10.3	10.3	30.91	8.17	24.07	6.17
15.2	15.3	31.07	8.13	24.20	9.70
20.1	20.2	31.14	8.10	24.26	4.08*
25.1	25.2	31.16	8.10	24.28	2.92*
30.2	30.3	31.17	8.10	24.28	4.05*
35.1	35.3	31.20	8.09	24.31	4.15*
40.1	40.3	31.24	8.08	24.35	2.58*
45.1	45.3	31.25	8.08	24.35	1.94*
50.1	50.3	31.24	8.08	24.34	3.01*
60.2	60.5	31.31	8.07	24.40	2.93*
70.2	70.5	31.34	8.06	24.42	4.89*
80.2	80.6	31.44	8.04	24.50	5.09*
90.1	90.6	31.52	8.03	24.57	4.30*
100.2	100.7	31.59	8.02	24.63	6.20*
110.0	110.6	31.82	7.97	24.81	10.28

MAX DEPTH 113.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 28.95
 DATE 16/12/76
 TIME (PST) 1517

TAPE CZ0/78/ 8-132
 LONG W123 11.04
 PASS NO. 99
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	31.05	8.14	24.18	4.53
2.2	2.2	31.04	8.14	24.18	1.81*
5.2	5.2	31.07	8.13	24.21	4.71
10.2	10.3	31.12	8.11	24.24	4.88
15.0	15.1	31.14	8.10	24.26	3.43*
20.1	20.2	31.16	8.10	24.27	2.86*
25.0	25.2	31.16	8.09	24.28	3.42*
30.1	30.3	31.19	8.09	24.30	3.30*
35.1	35.3	31.21	8.09	24.32	2.69*
40.0	40.2	31.22	8.09	24.32	3.75
45.2	45.4	31.25	8.08	24.35	4.49*
50.3	50.6	31.28	8.07	24.37	3.48
60.1	60.4	31.33	8.06	24.41	4.15*
70.3	70.6	31.39	8.05	24.47	5.32*
80.0	80.4	31.40	8.05	24.47	2.35*
90.1	90.5	31.45	8.04	24.51	3.61*
100.2	100.7	31.49	8.04	24.54	2.72*
110.0	110.6	31.50	8.04	24.55	3.02*
120.1	120.7	31.56	8.02	24.60	4.81*
130.2	130.9	31.62	8.01	24.65	4.04
140.0	140.8	31.63	8.01	24.66	4.77
150.1	150.9	31.71	8.00	24.72	+
160.2	161.0	31.70	8.00	24.72	2.37
170.1	171.0	31.73	7.99	24.73	5.11
180.0	180.9	31.65	8.01	24.67	+
190.2	191.2	31.77	7.99	24.77	+

MAX DEPTH 191.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 29.24
 DATE 16/12/76
 TIME (PST) 1530

TAPE CZ0/78/ 8-133
 LONG W123 10.40
 PASS NO.101
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	31.00	8.18	24.14	4.60
2.2	2.2	31.05	8.15	24.18	5.62
5.1	5.2	31.08	8.12	24.21	5.05*
10.2	10.2	31.10	8.11	24.22	2.44*
15.0	15.1	31.10	8.11	24.23	1.71*
20.2	20.3	31.10	8.11	24.23	1.27*
25.0	25.2	31.10	8.12	24.23	2.09*
30.0	30.2	31.13	8.11	24.25	2.64*
35.3	35.4	31.15	8.10	24.27	1.54*
40.3	40.5	31.14	8.10	24.26	.98*
45.1	45.4	31.13	8.11	24.25	2.72*
50.1	50.3	31.17	8.10	24.28	4.03*
60.2	60.5	31.22	8.09	24.32	3.03*
70.0	70.4	31.26	8.08	24.36	4.19*
80.2	80.6	31.30	8.07	24.39	4.55*
90.1	90.5	31.42	8.05	24.48	4.83
100.1	100.6	31.46	8.04	24.52	5.07*
110.2	110.8	31.48	8.04	24.53	+
120.1	120.7	31.56	8.02	24.60	4.69
130.1	130.8	31.59	8.02	24.62	3.29*
140.1	140.8	31.63	8.01	24.66	4.46*
150.1	150.9	31.77	7.98	24.77	4.02*
160.0	160.9	31.76	7.99	24.76	+
170.0	170.9	31.81	7.98	24.80	4.03*
180.0	181.0	31.88	7.96	24.86	3.65*
190.1	191.2	31.89	7.96	24.87	4.27

MAX DEPTH 194.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 29.46
 DATE 16/12/76
 TIME (PST) 1545

TAPE CZ0/78/ 8-134
 LONG W123 9.50
 PASS NO.103
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	31.01	8.15	24.15	10.49*
2.2	2.2	31.07	8.12	24.20	8.86*
5.1	5.1	31.08	8.12	24.21	6.41*
10.2	10.3	31.14	8.10	24.26	3.95*
15.2	15.3	31.15	8.10	24.27	2.70*
20.1	20.1	31.16	8.10	24.27	2.38*
25.2	25.3	31.19	8.09	24.30	2.72*
30.0	30.2	31.21	8.08	24.31	2.45*
35.0	35.2	31.21	8.08	24.32	1.68*
40.1	40.3	31.20	8.09	24.31	1.70*
45.1	45.4	31.22	8.08	24.32	2.28*
50.0	50.3	31.23	8.08	24.33	3.43
60.1	60.4	31.26	8.08	24.36	2.69*
70.1	70.4	31.31	8.07	24.40	1.60*
80.0	80.4	31.33	8.07	24.41	2.89*
90.1	90.6	31.36	8.06	24.44	2.80*
100.3	100.8	31.37	8.06	24.45	2.32*
110.1	110.6	31.47	8.04	24.53	5.85*
120.0	120.7	31.55	8.03	24.59	5.54
130.1	130.8	31.70	7.99	24.71	4.70
140.3	141.0	31.76	7.99	24.76	4.05*
150.1	150.9	31.82	7.97	24.81	2.32*
160.1	160.9	31.84	7.97	24.83	3.33*
170.2	171.1	31.86	7.97	24.84	2.37*
180.2	181.2	31.88	7.96	24.86	2.15*
190.2	191.2	31.92	7.96	24.89	5.19
200.0	201.1	31.95	7.95	24.92	2.44*
210.1	211.2	31.96	7.95	24.92	2.16*
220.2	221.4	32.00	7.94	24.96	3.33*
230.2	231.4	32.03	7.93	24.98	3.88
240.2	241.5	32.07	7.92	25.02	2.44*
250.2	251.5	32.10	7.92	25.04	3.92

MAX DEPTH 257.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 29.75
 DATE 16/12/76
 TIME (PST) 1601

TAPE CZ0/78/ 8-135
 LONG W123 8.86
 PASS NO.105
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.97	8.17	24.12	9.11*
2.0	2.1	30.98	8.16	24.13	2.40*
5.0	5.1	31.06	8.13	24.19	6.42*
10.2	10.3	31.09	8.11	24.22	3.72*
15.2	15.2	31.08	8.12	24.21	1.03*
20.2	20.3	31.10	8.11	24.23	1.50*
25.3	25.4	31.10	8.12	24.23	2.09*
30.2	30.3	31.11	8.11	24.24	2.45*
35.1	35.2	31.12	8.11	24.25	2.79*
40.3	40.5	31.14	8.10	24.26	3.57*
45.1	45.4	31.15	8.10	24.27	4.37*
50.2	50.4	31.20	8.09	24.31	4.52*
60.1	60.4	31.27	8.08	24.37	4.30*
70.2	70.5	31.33	8.06	24.42	3.70*
80.3	80.7	31.38	8.06	24.45	5.13*
90.1	90.5	31.53	8.03	24.58	5.52*
100.2	100.7	31.60	8.01	24.63	3.36*
110.1	110.6	31.63	8.01	24.66	5.96
120.1	120.8	31.74	7.99	24.75	6.40
130.0	130.7	31.79	7.98	24.79	3.22
140.1	140.9	31.85	7.97	24.83	3.35*
150.1	150.9	31.88	7.96	24.86	5.26*
160.1	161.0	31.97	7.94	24.93	5.37
170.0	171.0	32.05	7.92	25.00	2.03*
180.1	181.1	32.07	7.92	25.01	2.07*
190.0	191.1	32.07	7.92	25.02	1.49*
200.2	201.4	32.09	7.92	25.03	2.17*
210.2	211.3	32.11	7.91	25.04	.99*
220.2	221.4	32.11	7.92	25.04	2.02*
230.2	231.5	32.12	7.92	25.05	.61*
240.0	241.3	32.12	7.92	25.05	.38*
250.1	251.5	32.12	7.92	25.05	1.16*
260.1	261.6	32.12	7.92	25.05	+
270.2	271.7	32.12	7.92	25.06	+
280.1	281.7	32.13	7.92	25.06	1.13*
290.2	291.8	32.14	7.92	25.07	2.38

MAX DEPTH 297.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 27.36
 DATE 16/12/76
 TIME (PST) 1650

TAPE CZ0/78/ 8-136
 LONG W123 15.61
 PASS NO.107
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.36	8.28	23.63	17.08
2.1	2.1	30.49	8.23	23.73	11.33
5.0	5.1	30.61	8.22	23.83	6.73
10.0	10.1	30.67	8.21	23.87	5.96*
15.1	15.1	30.67	8.21	23.88	5.31*
20.2	20.3	30.79	8.18	23.98	6.42
25.3	25.4	30.84	8.17	24.02	9.36
30.1	30.2	31.02	8.13	24.16	8.00
35.2	35.3	31.05	8.13	24.19	+

MAX DEPTH 37.3

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 27.78
 DATE 16/12/76
 TIME (PST) 1658

TAPE CZ0/78/ 8-137
 LONG W123 14.72
 PASS NO.109
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.35	8.30	23.62	2.64
2.0	2.0	30.39	8.29	23.65	8.76
5.1	5.1	30.51	8.27	23.75	9.84
10.1	10.1	30.55	8.27	23.78	5.89*
15.1	15.1	30.62	8.24	23.83	5.10
20.3	20.4	30.69	8.22	23.89	8.27
25.2	25.3	30.77	8.20	23.96	8.60
30.2	30.4	30.93	8.16	24.09	10.35*
35.1	35.3	31.13	8.11	24.25	6.88

MAX DEPTH 39.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.02
 DATE 16/12/76
 TIME (PST) 1705

TAPE CZ0/78/ 8-138
 LONG W123 13.86
 PASS NO.111
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.58	8.23	23.80	6.11*
2.1	2.1	30.58	8.24	23.81	4.75*
5.2	5.2	30.61	8.23	23.83	2.69*
10.1	10.1	30.60	8.24	23.82	2.00*
15.0	15.1	30.61	8.23	23.83	3.24*
20.1	20.2	30.62	8.23	23.83	4.26
25.2	25.3	30.80	8.18	23.99	7.91
30.1	30.3	30.86	8.17	24.03	3.36*
35.2	35.4	30.87	8.16	24.04	1.79*
40.3	40.5	30.87	8.17	24.04	1.25*
45.2	45.4	30.87	8.17	24.04	6.14*

MAX DEPTH 48.4

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.25
 DATE 16/12/76
 TIME (PST) 1715

TAPE CZ0/78/ 8-139
 LONG W123 13.23
 PASS NO.113
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	30.53	8.23	23.76	4.98*
2.2	2.2	30.54	8.24	23.77	2.32*
5.1	5.2	30.58	8.23	23.80	5.91*
10.1	10.2	30.67	8.21	23.88	6.84*
15.0	15.1	30.71	8.21	23.91	7.77*
20.1	20.2	30.85	8.18	24.02	7.07
25.3	25.4	30.88	8.17	24.05	3.59*
30.1	30.2	30.88	8.17	24.05	3.77*
35.2	35.4	30.92	8.16	24.08	7.33*
40.0	40.2	31.11	8.12	24.24	1.25*
45.1	45.3	31.17	8.10	24.28	+

MAX DEPTH 47.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.48
 DATE 16/12/76
 TIME (PST) 1728

TAPE CZ0/78/ 8-140
 LONG W123 12.43
 PASS NO.115
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.50	8.25	23.74	10.23*
2.2	2.2	30.57	8.24	23.80	9.89*
5.0	5.0	30.59	8.24	23.81	9.38*
10.2	10.2	30.78	8.19	23.97	8.00*
15.1	15.2	30.82	8.17	24.00	6.21*
20.1	20.1	30.83	8.17	24.01	+
25.2	25.3	30.82	8.18	24.00	2.63*
30.0	30.2	30.85	8.17	24.02	5.25
35.0	35.2	30.89	8.16	24.05	4.42
40.3	40.5	30.91	8.16	24.07	2.94*
45.3	45.5	30.92	8.16	24.08	3.38*
50.1	50.4	30.97	8.15	24.12	4.24*
60.2	60.5	31.01	8.14	24.16	3.56*
70.2	70.6	31.07	8.13	24.20	3.54*
80.1	80.5	31.11	8.12	24.23	5.96*
90.1	90.6	31.24	8.09	24.34	4.40
100.1	100.6	31.28	8.08	24.37	4.46*
110.2	110.7	31.52	8.03	24.57	6.69
120.2	120.8	31.56	8.03	24.60	2.80*
130.1	130.8	31.59	8.02	24.62	

MAX DEPTH 130.5

CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.74
 DATE 16/12/76
 TIME (PST) 1743

TAPE CZ0/78/ 8-141
 LONG W123 11.86
 PASS NO.117
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.43	8.28	23.68	14.14
2.2	2.2	30.51	8.27	23.75	9.04
5.1	5.1	30.55	8.26	23.78	5.18
10.2	10.2	30.61	8.24	23.83	5.14
15.1	15.2	30.65	8.22	23.86	4.84*
20.2	20.3	30.73	8.20	23.93	5.47
25.2	25.3	30.76	8.19	23.95	5.04
30.1	30.3	30.85	8.17	24.02	6.08*
35.2	35.3	30.91	8.16	24.07	5.48
40.1	40.3	30.95	8.15	24.11	4.67*
45.1	45.3	30.98	8.14	24.13	4.30
50.1	50.3	31.02	8.14	24.16	4.37*
60.3	60.6	31.09	8.12	24.22	4.39*
70.1	70.5	31.14	8.11	24.26	4.91*
80.0	80.4	31.31	8.07	24.40	4.84*
90.1	90.6	31.36	8.07	24.44	7.10
100.2	100.7	31.49	8.04	24.55	4.20*
110.1	110.6	31.51	8.03	24.56	2.30*

MAX DEPTH 110.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 28.95
 DATE 16/12/76
 TIME (PST) 1801

TAPE CZ0/78/ 8-142
 LONG W123 11.04
 PASS NO.119
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.42	8.26	23.67	8.19
2.0	2.1	30.45	8.26	23.70	5.66
5.0	5.1	30.46	8.26	23.70	5.14*
10.2	10.2	30.59	8.26	23.81	7.50
15.1	15.2	30.68	8.22	23.88	6.33
20.2	20.3	30.74	8.20	23.93	7.82*
25.0	25.1	30.91	8.16	24.07	7.33*
30.2	30.3	30.99	8.14	24.14	6.11*
35.2	35.4	31.03	8.13	24.17	6.02*
40.1	40.3	31.05	8.13	24.18	6.22*
45.2	45.4	31.17	8.10	24.28	4.76*
50.2	50.4	31.24	8.09	24.34	2.83*
60.1	60.3	31.26	8.08	24.36	1.71*
70.0	70.4	31.32	8.07	24.41	4.69*
80.1	80.5	31.36	8.06	24.44	3.66*
90.2	90.6	31.39	8.06	24.46	2.14*
100.2	100.7	31.42	8.05	24.48	2.26*
110.1	110.7	31.43	8.05	24.49	2.26*
120.2	120.8	31.44	8.05	24.50	3.66*
130.0	130.7	31.46	8.05	24.52	+
140.0	140.7	31.53	8.03	24.57	+

MAX DEPTH 146.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HARO STRAIT 1976
 LAT N48 29.24
 DATE 16/12/76
 TIME (PST) 1817

TAPE CZ0/78/ 8-143
 LONG W123 10.40
 PASS NO.121
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.57	8.24	23.80	2.84
2.0	2.1	30.57	8.23	23.80	1.31*
5.0	5.1	30.58	8.24	23.81	3.41
10.3	10.3	30.64	8.23	23.85	3.98
15.3	15.3	30.69	8.22	23.89	5.56
20.3	20.4	30.81	8.18	23.99	8.22
25.1	25.2	30.85	8.17	24.02	5.94*
30.3	30.4	30.92	8.15	24.08	5.32*
35.2	35.3	30.96	8.15	24.12	4.93*
40.3	40.4	31.01	8.14	24.15	4.37*
45.1	45.4	31.05	8.13	24.18	3.69*
50.3	50.5	31.07	8.12	24.21	2.95*
60.1	60.4	31.08	8.12	24.21	2.64*
70.2	70.5	31.15	8.11	24.27	4.78*
80.1	80.5	31.27	8.08	24.37	5.23
90.2	90.7	31.34	8.07	24.42	4.70*
100.1	100.6	31.39	8.06	24.46	5.01*
110.0	110.6	31.50	8.03	24.56	3.66
120.2	120.8	31.58	8.02	24.62	4.53*
130.0	130.7	31.62	8.01	24.65	5.41
140.1	140.8	31.77	7.98	24.77	4.91*
150.2	151.0	31.82	7.97	24.81	3.97*
160.1	161.0	31.83	7.97	24.82	.59*
170.1	171.0	31.83	7.97	24.82	+

MAX DEPTH 174.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAKO STRAIT 1976
 LAT N48 29.46
 DATE 16/12/76
 TIME (PST) 1835

TAPE CZ0/78/ 8-144
 LONG W123 9.50
 PASS NO.123
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.61	8.23	23.82	.75
2.3	2.3	30.62	8.23	23.84	7.43
5.1	5.2	30.70	8.21	23.90	5.32
10.2	10.2	30.74	8.20	23.93	7.20*
15.1	15.1	30.90	8.16	24.06	8.34
20.0	20.1	31.03	8.13	24.17	6.76*
25.0	25.2	31.13	8.11	24.25	6.00*
30.2	30.3	31.15	8.10	24.27	3.77*
35.0	35.2	31.16	8.10	24.27	1.48*
40.2	40.4	31.16	8.10	24.27	3.60*
45.2	45.4	31.19	8.09	24.30	5.88*
50.2	50.5	31.27	8.08	24.36	5.65*
60.1	60.4	31.37	8.06	24.45	4.27
70.2	70.6	31.46	8.04	24.52	4.86*
80.2	80.6	31.51	8.03	24.56	3.53*
90.1	90.6	31.54	8.02	24.59	5.25
100.3	100.8	31.65	8.00	24.67	9.58*
110.2	110.8	31.93	7.95	24.90	6.58*
120.1	120.8	31.94	7.94	24.91	+
130.2	130.9	31.94	7.94	24.91	1.71*
140.2	141.0	31.95	7.94	24.92	3.19*
150.0	150.9	31.99	7.94	24.95	1.74*
160.0	160.9	32.00	7.93	24.96	2.80
170.1	171.0	32.02	7.93	24.97	+
180.1	181.1	32.03	7.93	24.98	1.05*
190.1	191.1	32.03	7.93	24.98	.60*
200.0	201.1	32.03	7.93	24.98	.63*
210.2	211.4	32.03	7.93	24.98	.78*
220.2	221.4	32.02	7.94	24.97	+
230.1	231.4	32.02	7.94	24.97	1.02*
240.0	241.3	32.03	7.94	24.98	.38*
250.1	251.5	32.02	7.94	24.97	+

MAX DEPTH 260.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 HAWAII STRAIT 1976
 LAT N48 29.75
 DATE 16/12/76
 TIME (PST) 1857

TAPE CZ0/78/ 8-145
 LONG W123 8.86
 PASS NO.125
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.81	8.18	23.99	.73*
2.1	2.1	30.80	8.18	23.98	1.36*
5.1	5.1	30.81	8.18	23.99	3.43*
10.2	10.2	30.84	8.17	24.02	6.12*
15.2	15.2	30.96	8.15	24.11	8.82*
20.3	20.4	31.09	8.12	24.22	7.85
25.0	25.1	31.17	8.10	24.28	5.17*
30.2	30.4	31.21	8.10	24.32	3.60*
35.1	35.3	31.23	8.09	24.33	3.23*
40.1	40.3	31.24	8.09	24.34	3.29*
45.0	45.2	31.27	8.08	24.37	3.66*
50.3	50.5	31.31	8.07	24.40	3.62*
60.1	60.4	31.33	8.07	24.42	2.84*
70.2	70.6	31.33	8.07	24.41	+
80.1	80.5	31.34	8.07	24.42	2.51*
90.2	90.6	31.47	8.04	24.52	5.81
100.2	100.7	31.68	8.00	24.70	5.94*
110.1	110.7	31.77	7.98	24.77	3.37*
120.0	120.7	31.84	7.97	24.82	4.80*
130.0	130.7	31.84	7.97	24.83	4.88*
140.2	141.0	31.91	7.95	24.89	5.55
150.1	150.9	31.95	7.95	24.92	+
160.0	160.9	32.01	7.93	24.96	+
170.1	171.0	32.05	7.92	25.00	2.39*
180.0	181.0	32.05	7.92	25.00	1.21*
190.2	191.2	32.06	7.93	25.00	1.17*
200.1	201.2	32.06	7.93	25.01	.71*
210.1	211.3	32.06	7.93	25.00	.77*
220.1	221.4	32.06	7.93	25.00	.86*
230.1	231.3	32.05	7.93	25.00	.69*
240.0	241.4	32.06	7.93	25.00	2.74*
250.0	251.4	32.12	7.92	25.05	+
260.0	261.5	32.09	7.92	25.03	.99*

MAX DEPTH 260.8

FIGURES

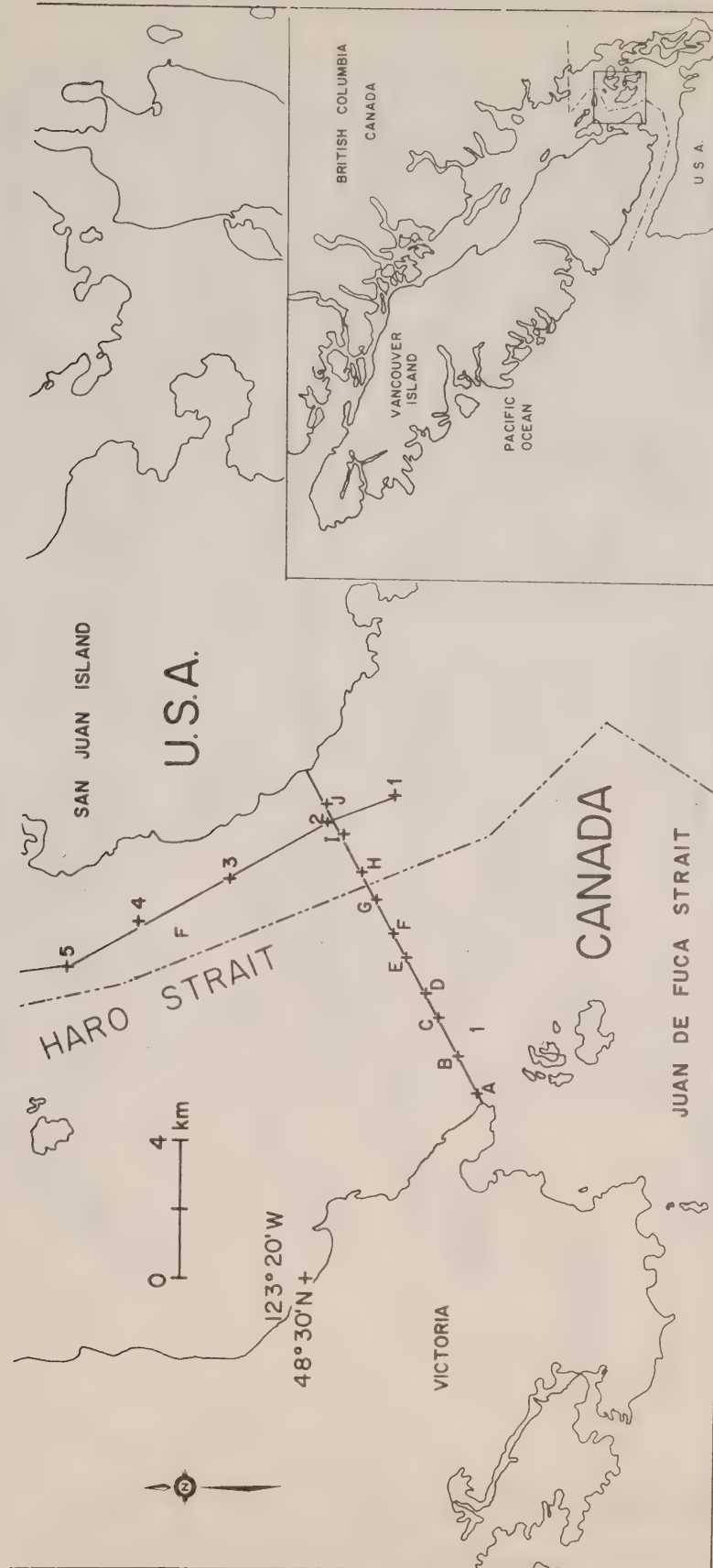


FIGURE 1 Stations of Line 1 and first half of Line F
Map of Haro Strait and Stations

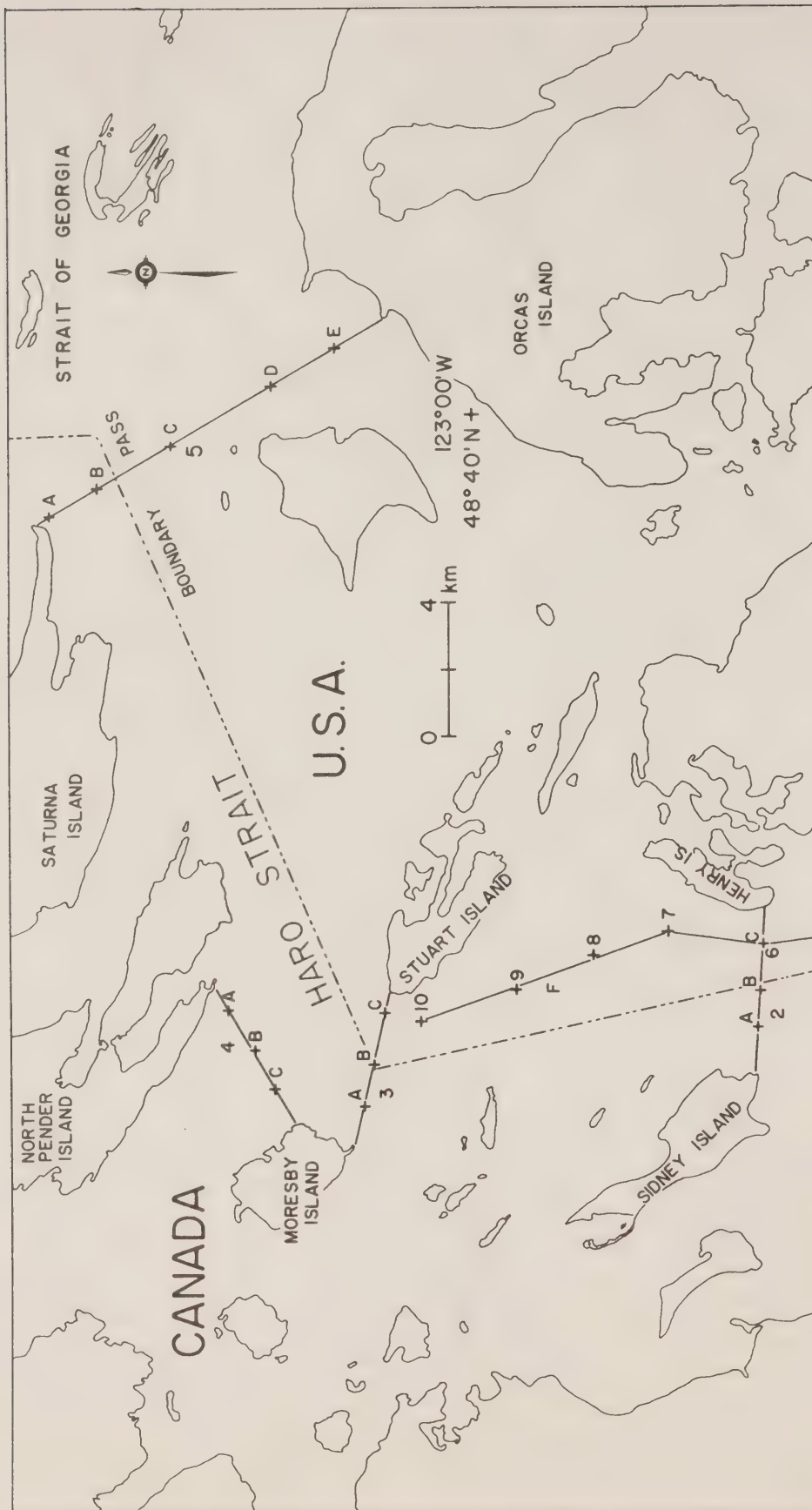


FIGURE 2 Stations of Lines 2, 3, 4, 5 and second half of Line F
Map of Haro Strait and Stations

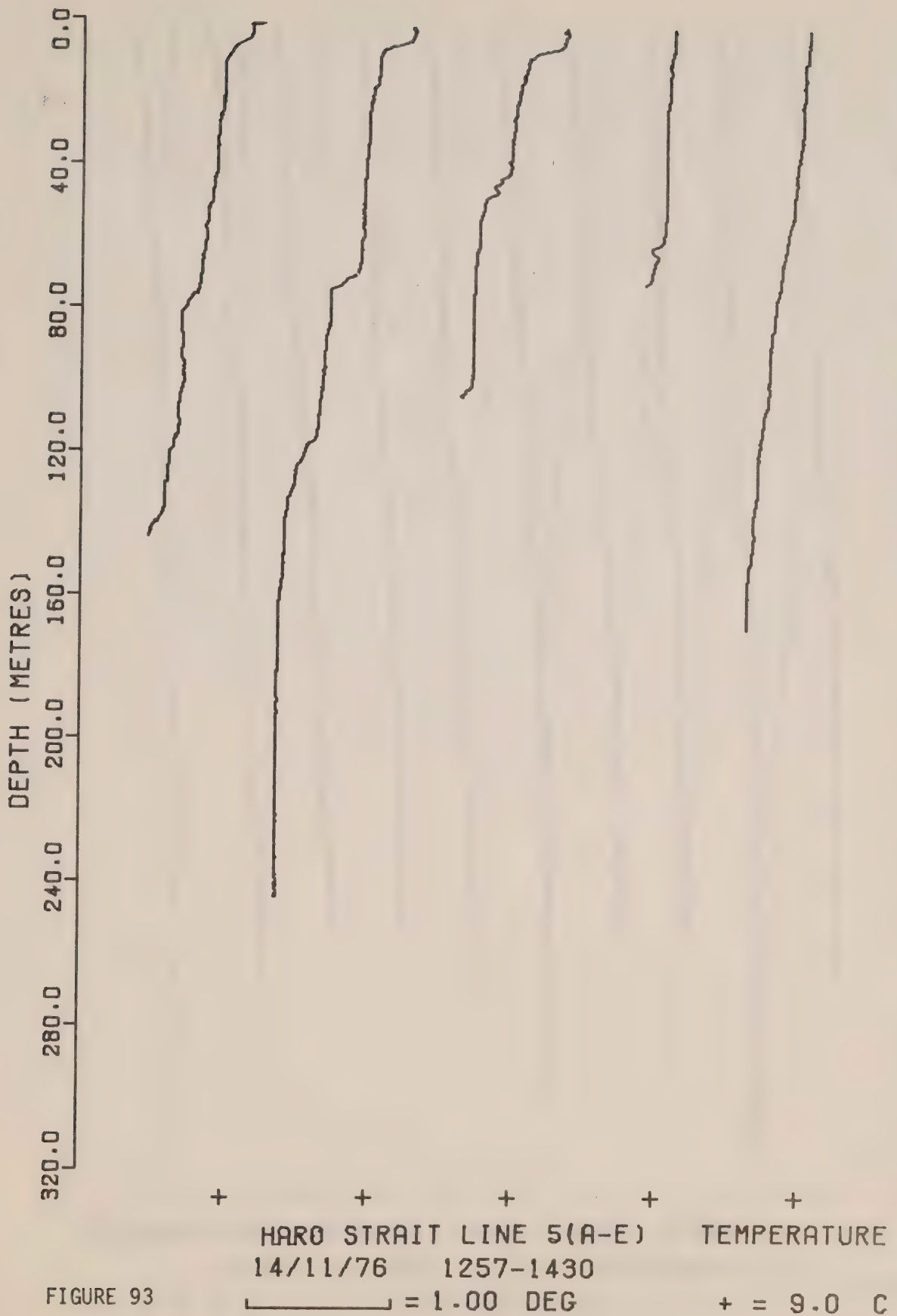


FIGURE 93

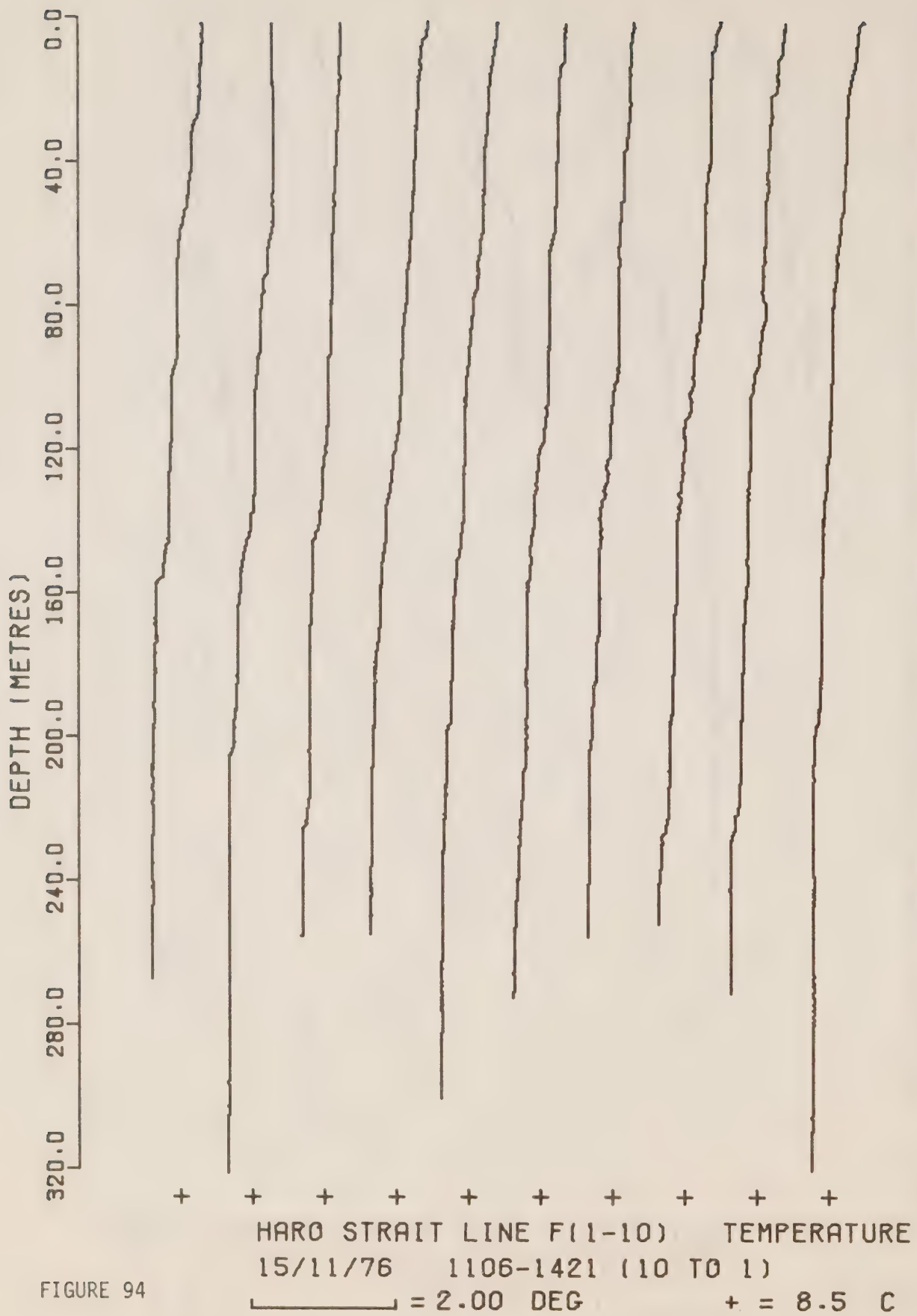


FIGURE 94

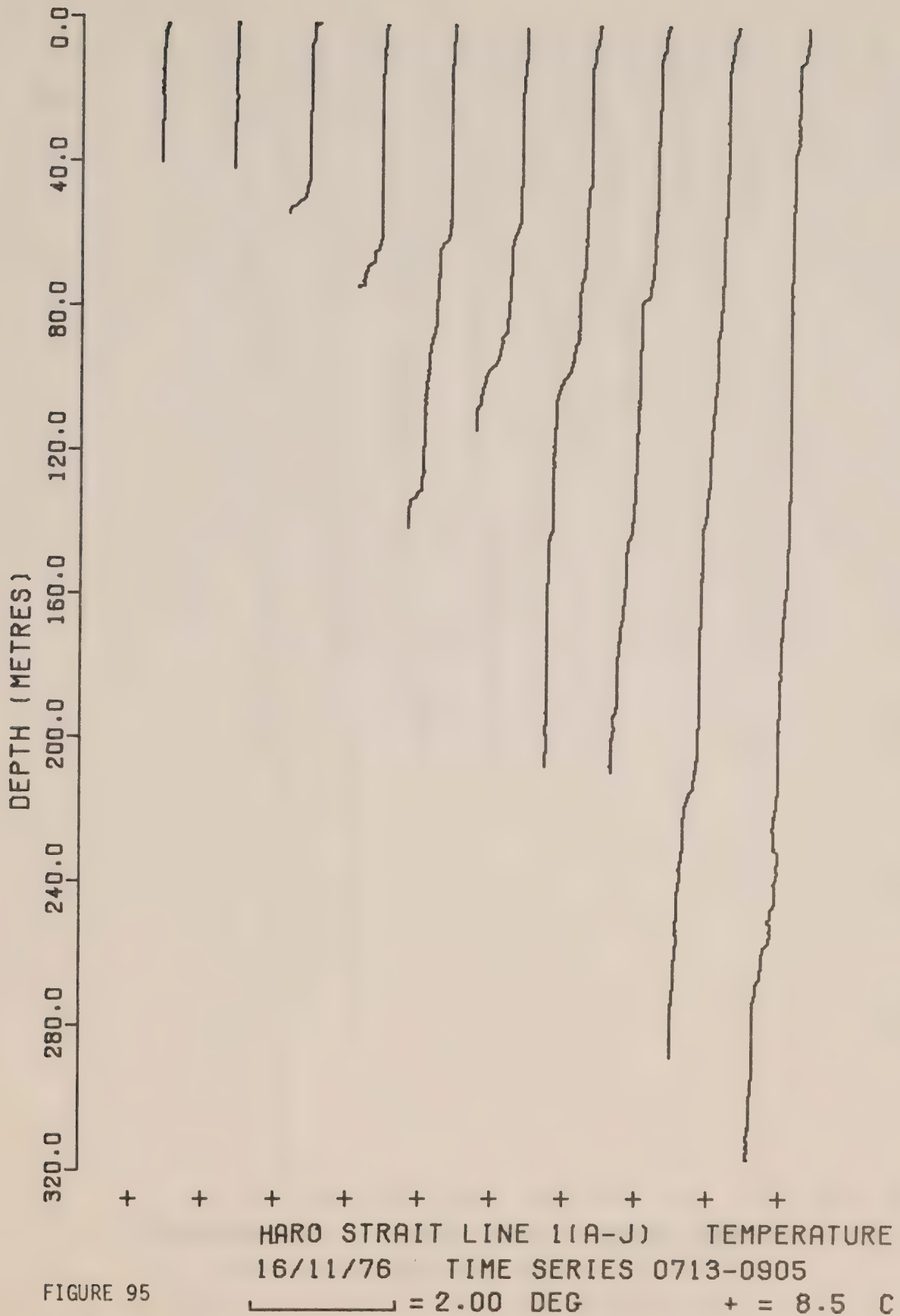


FIGURE 95

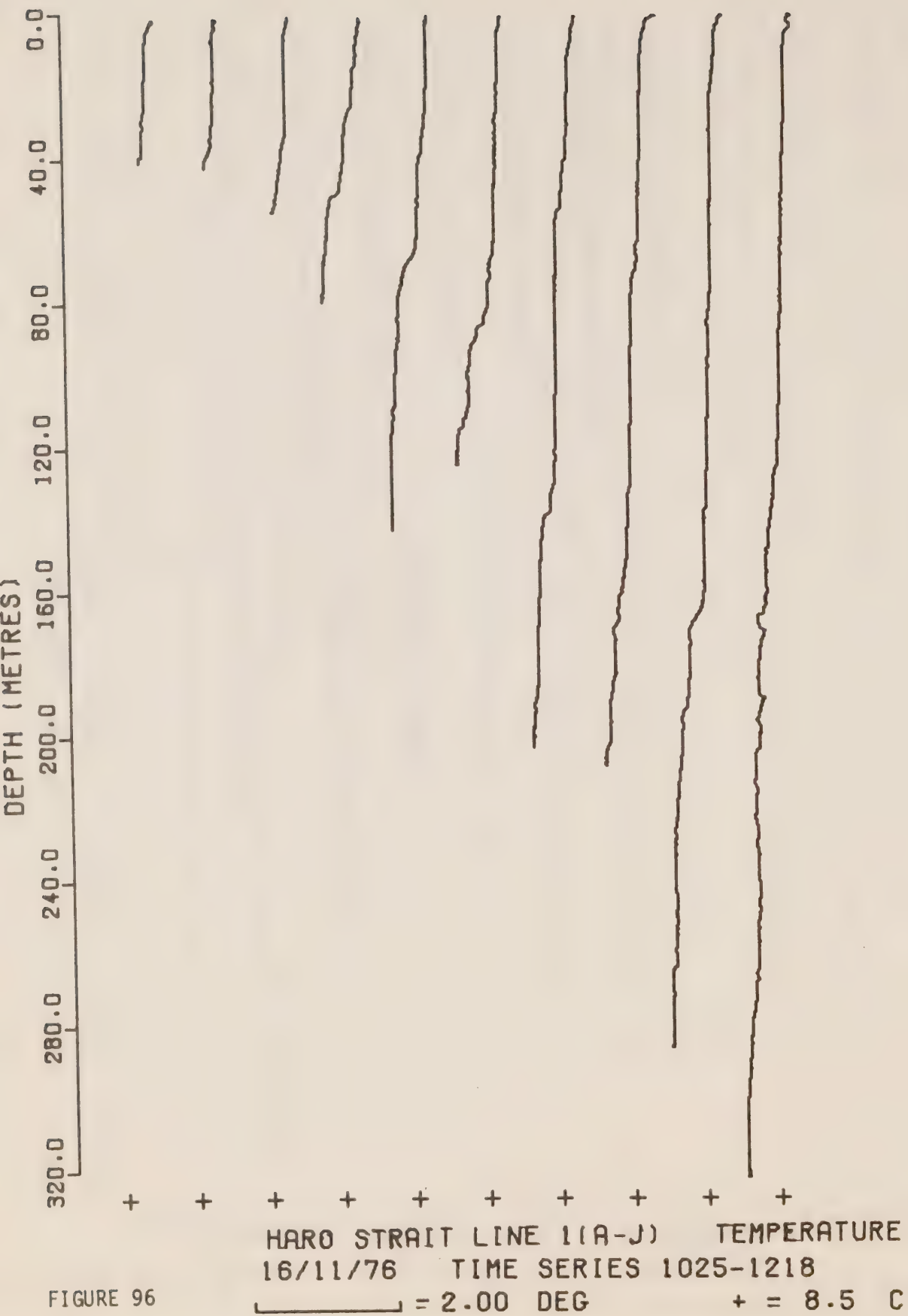


FIGURE 96

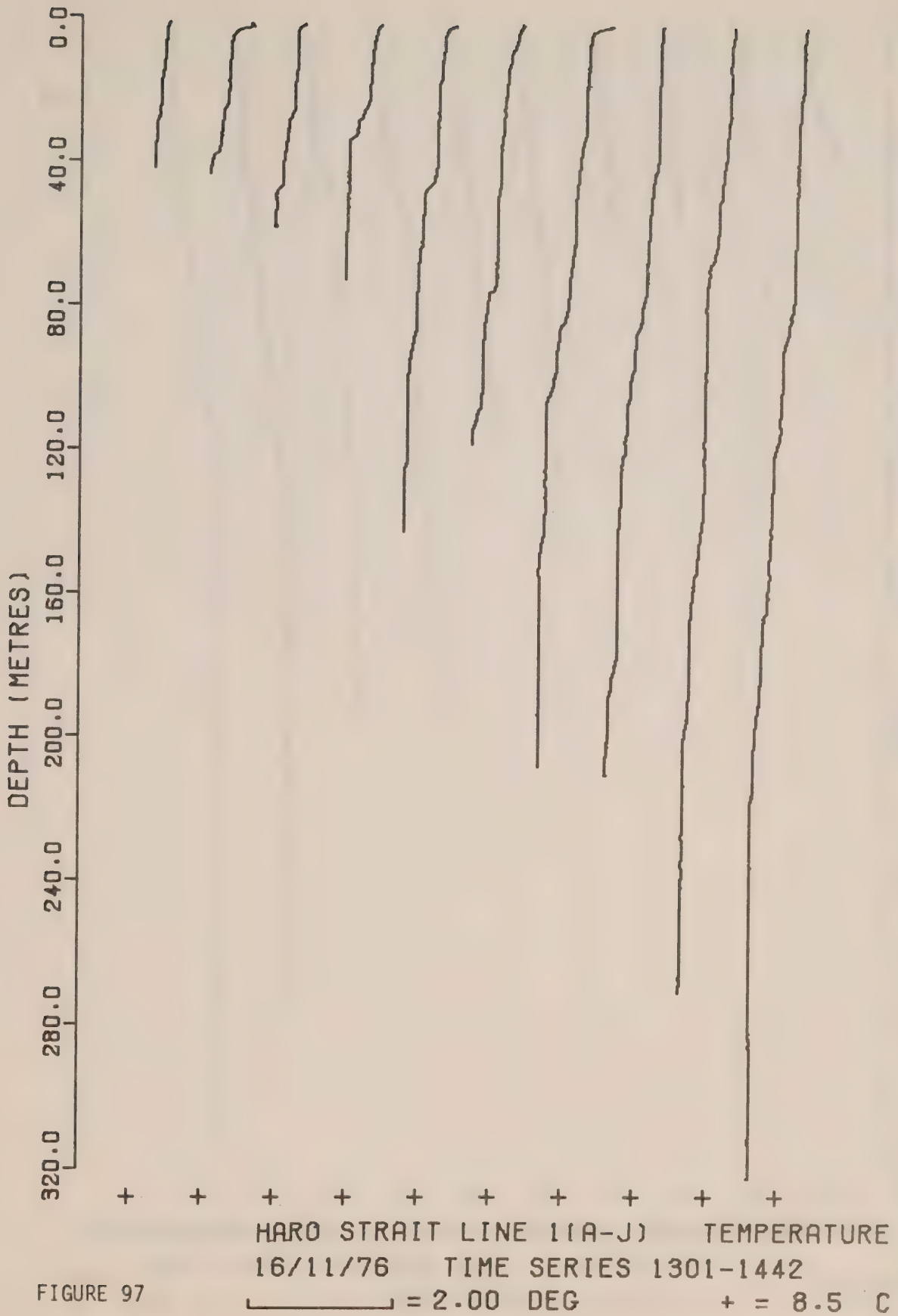


FIGURE 97

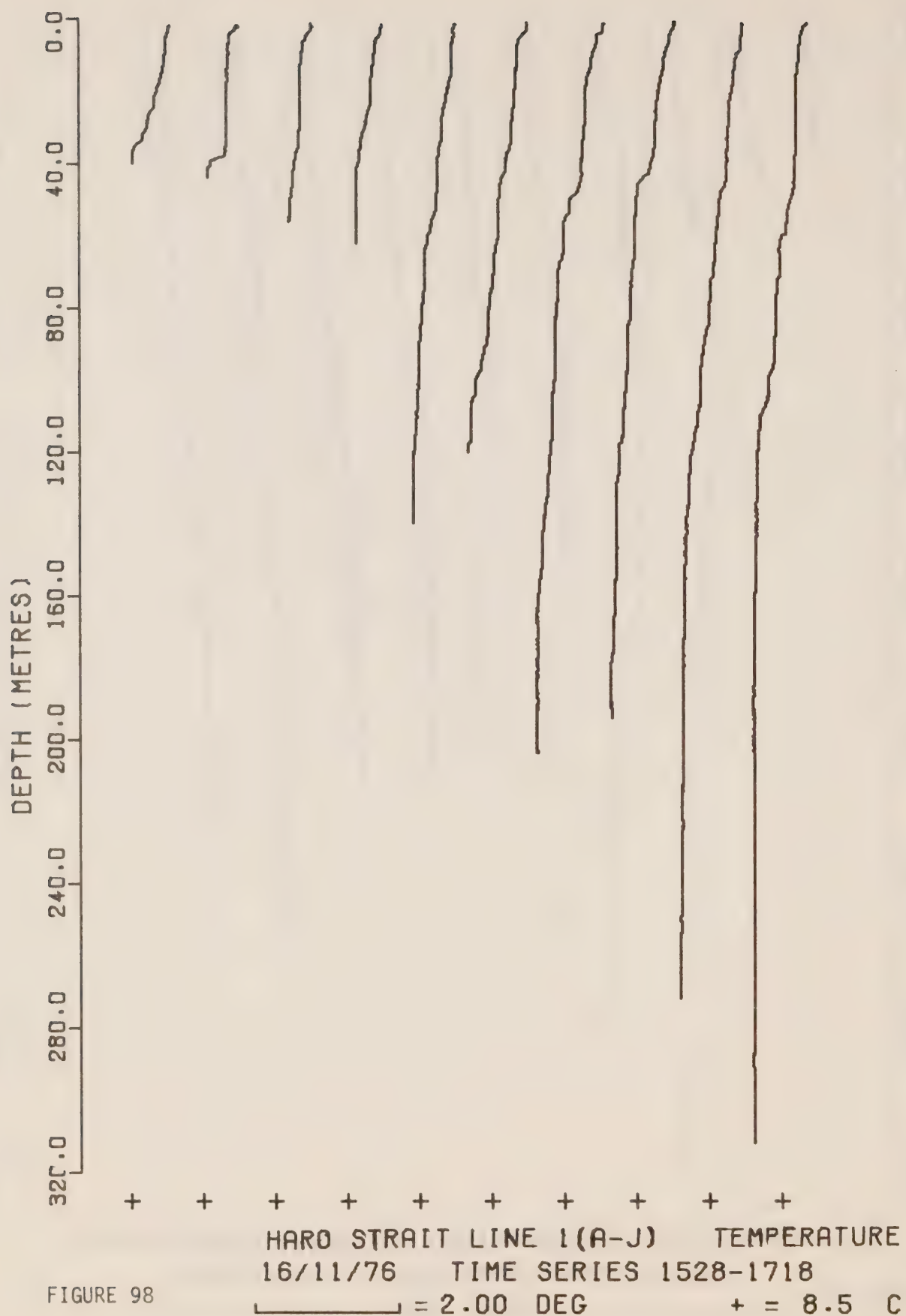


FIGURE 98

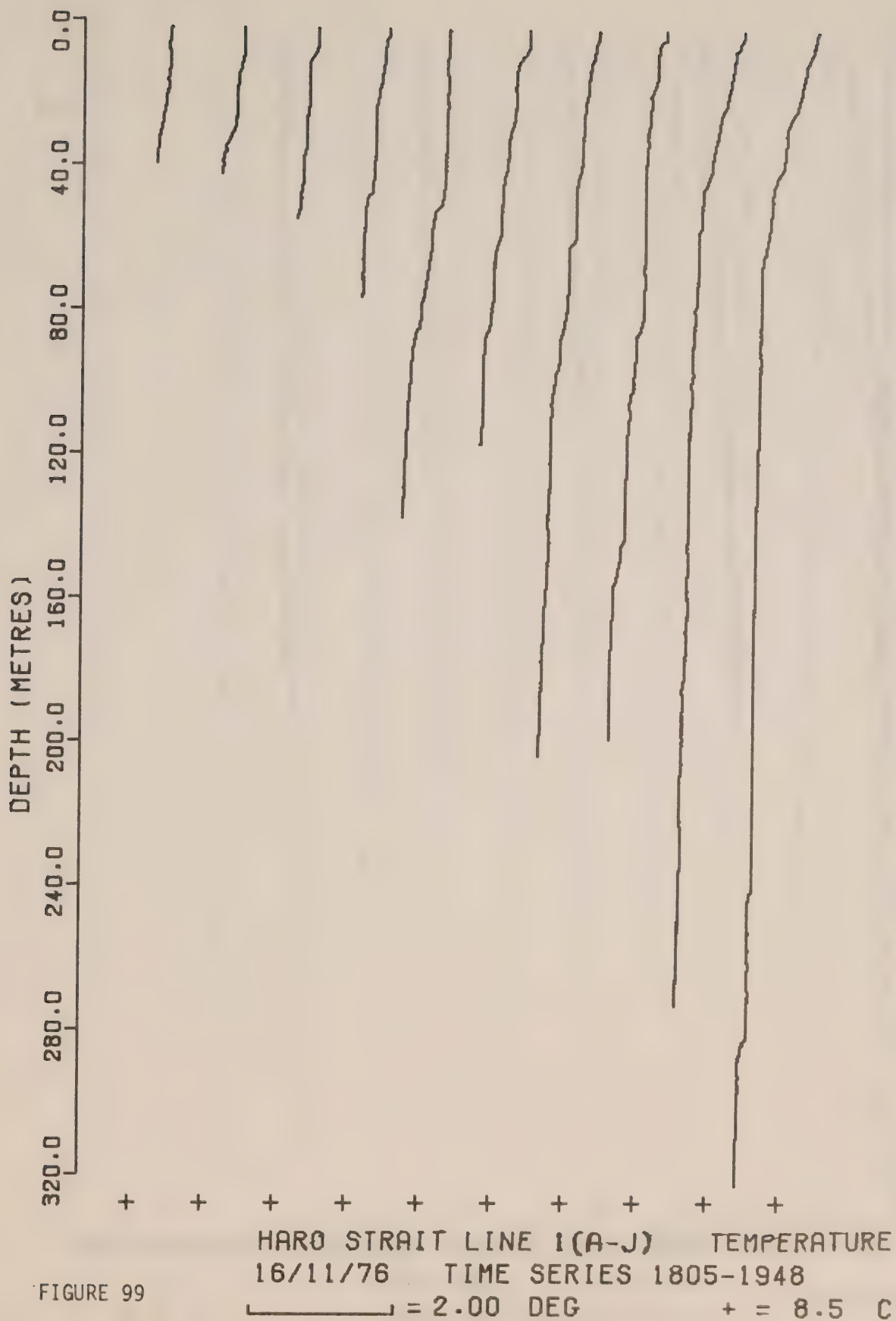


FIGURE 99

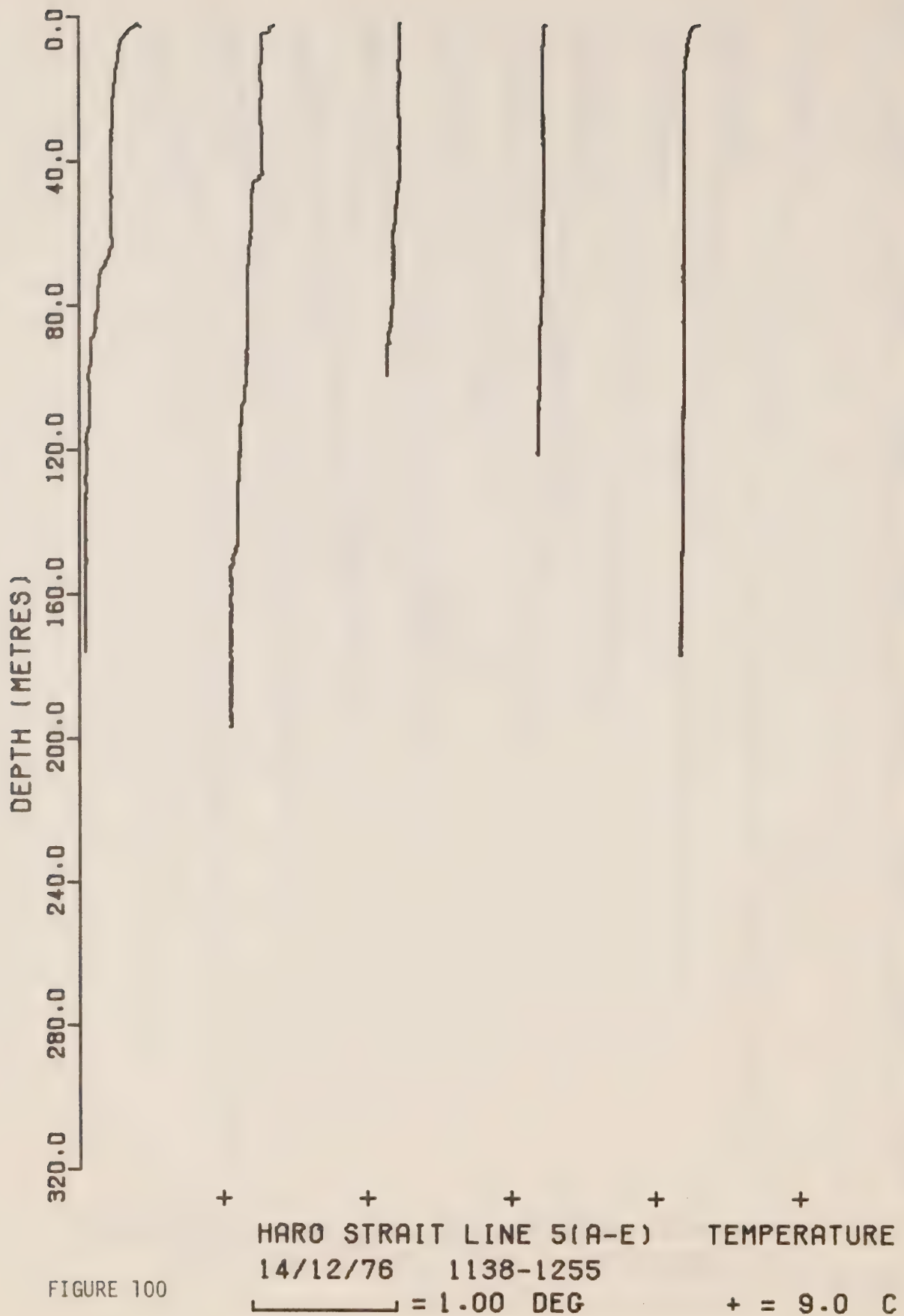


FIGURE 100

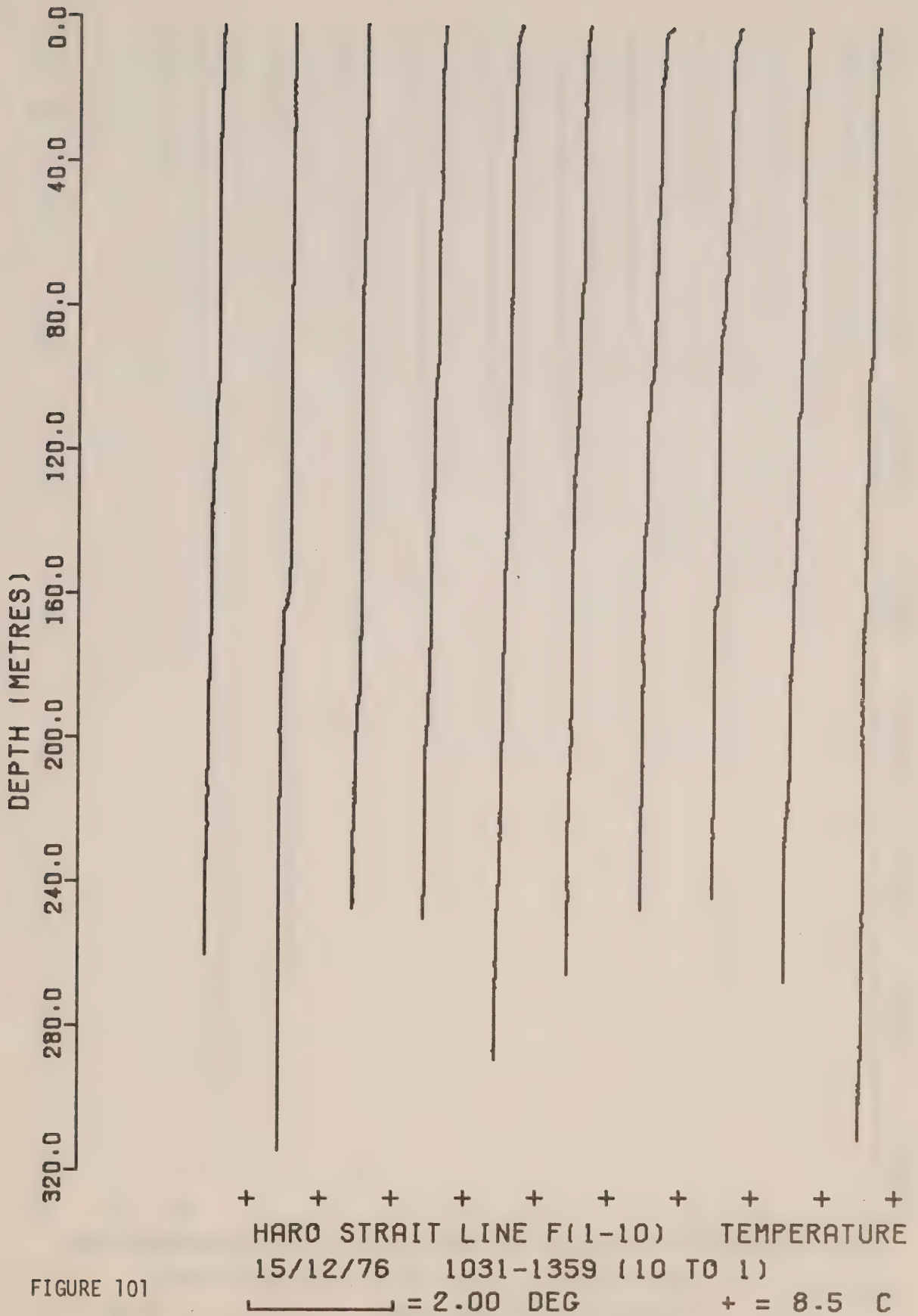


FIGURE 101

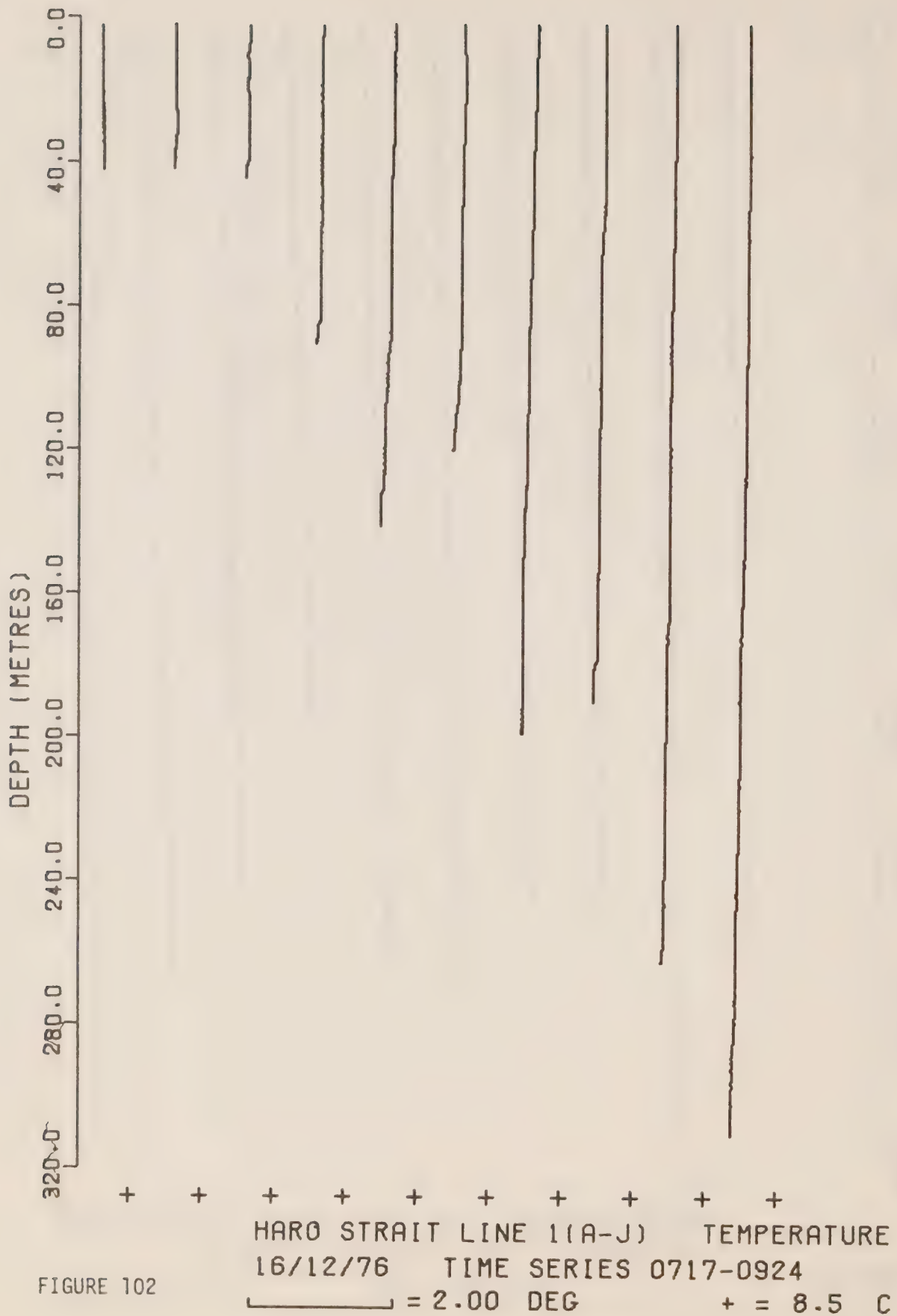


FIGURE 102

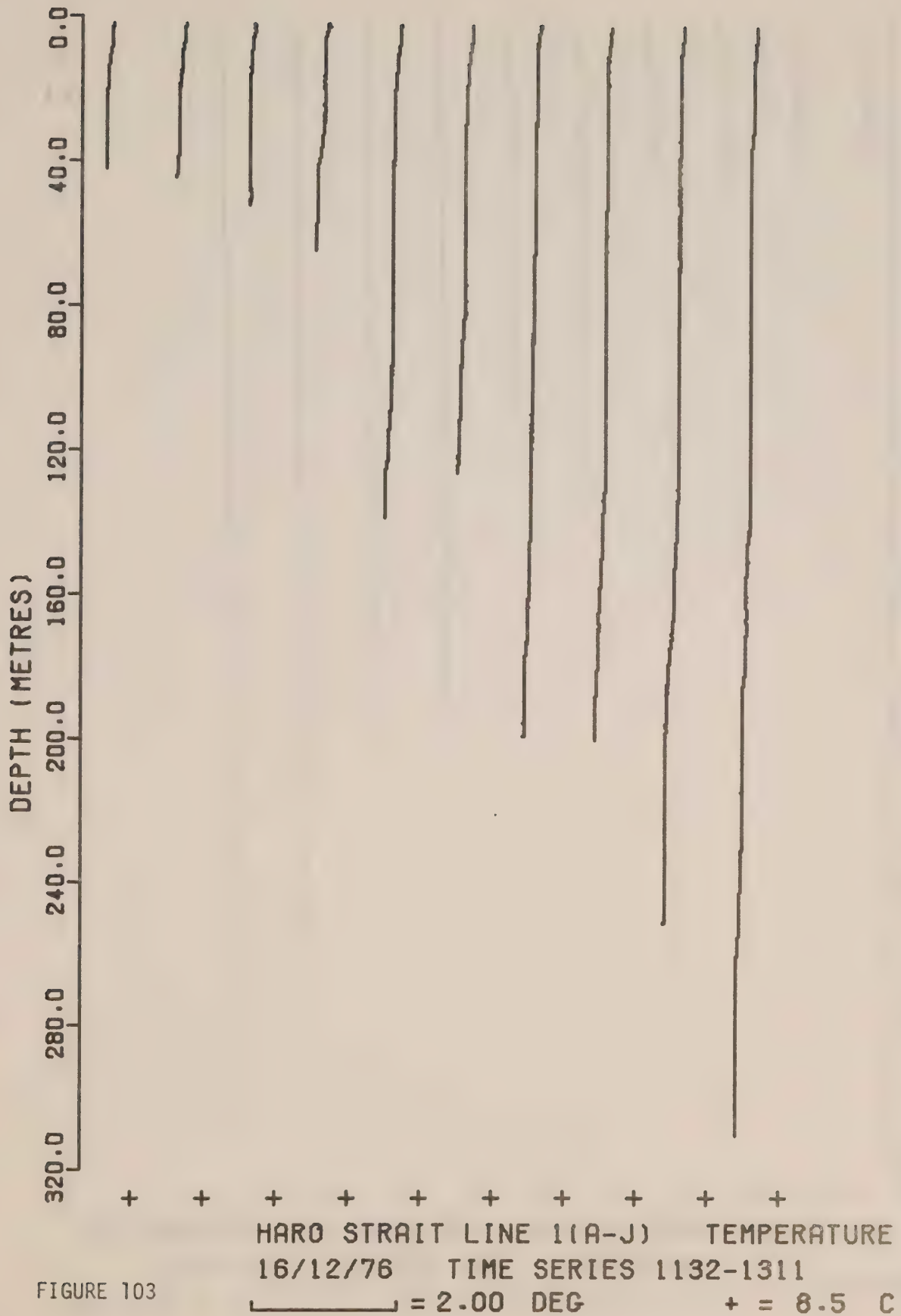


FIGURE 103

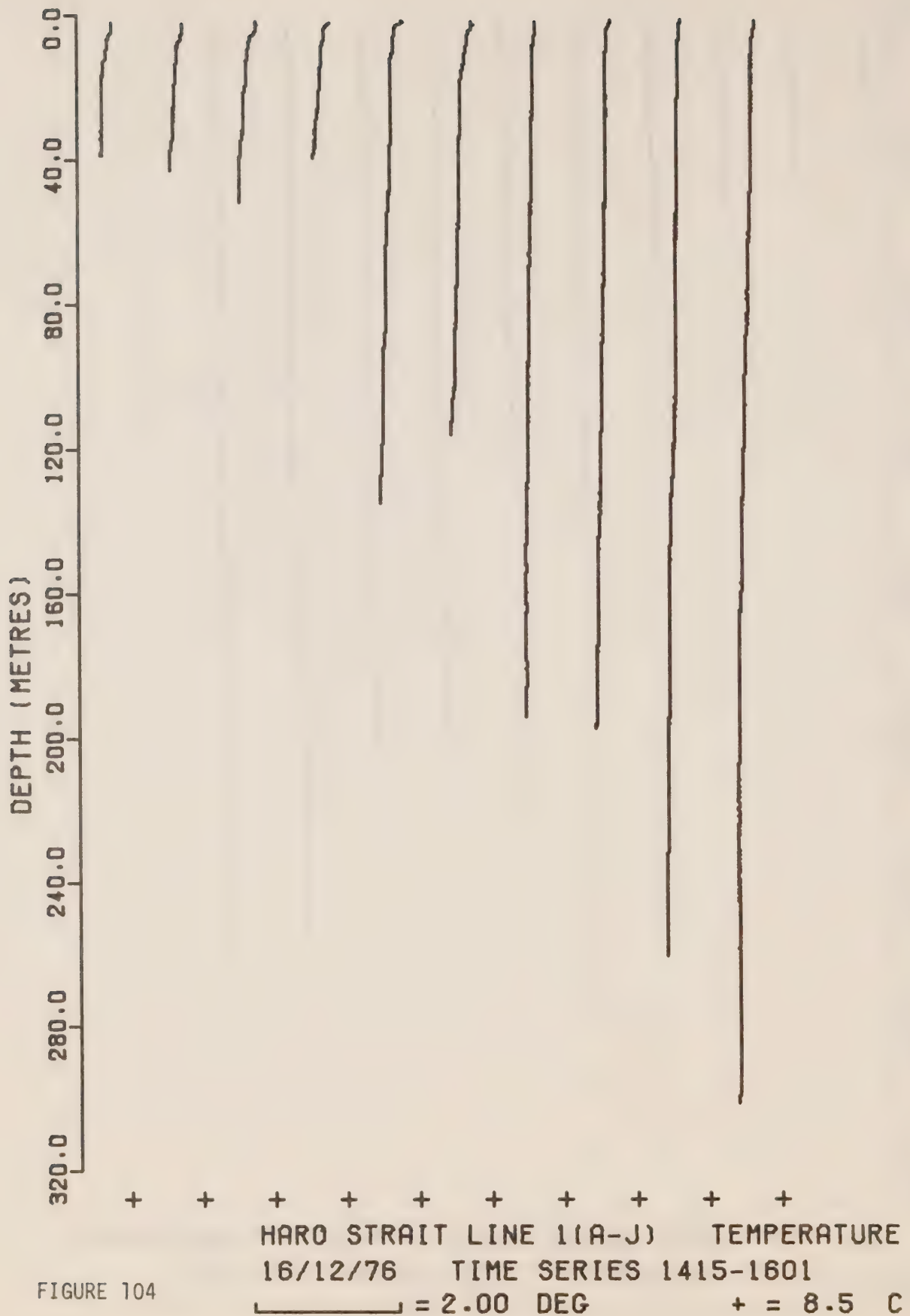


FIGURE 104

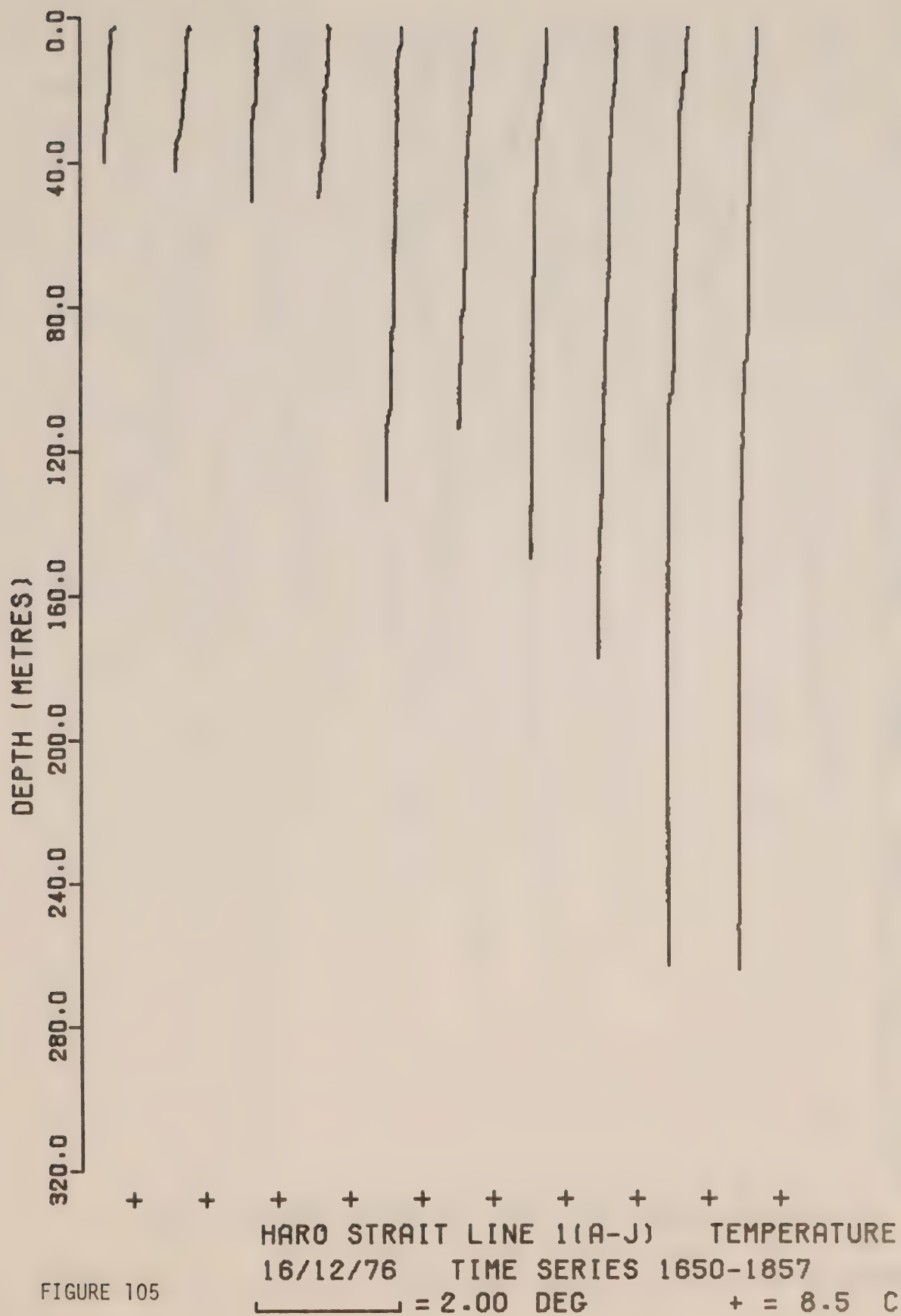


FIGURE 105

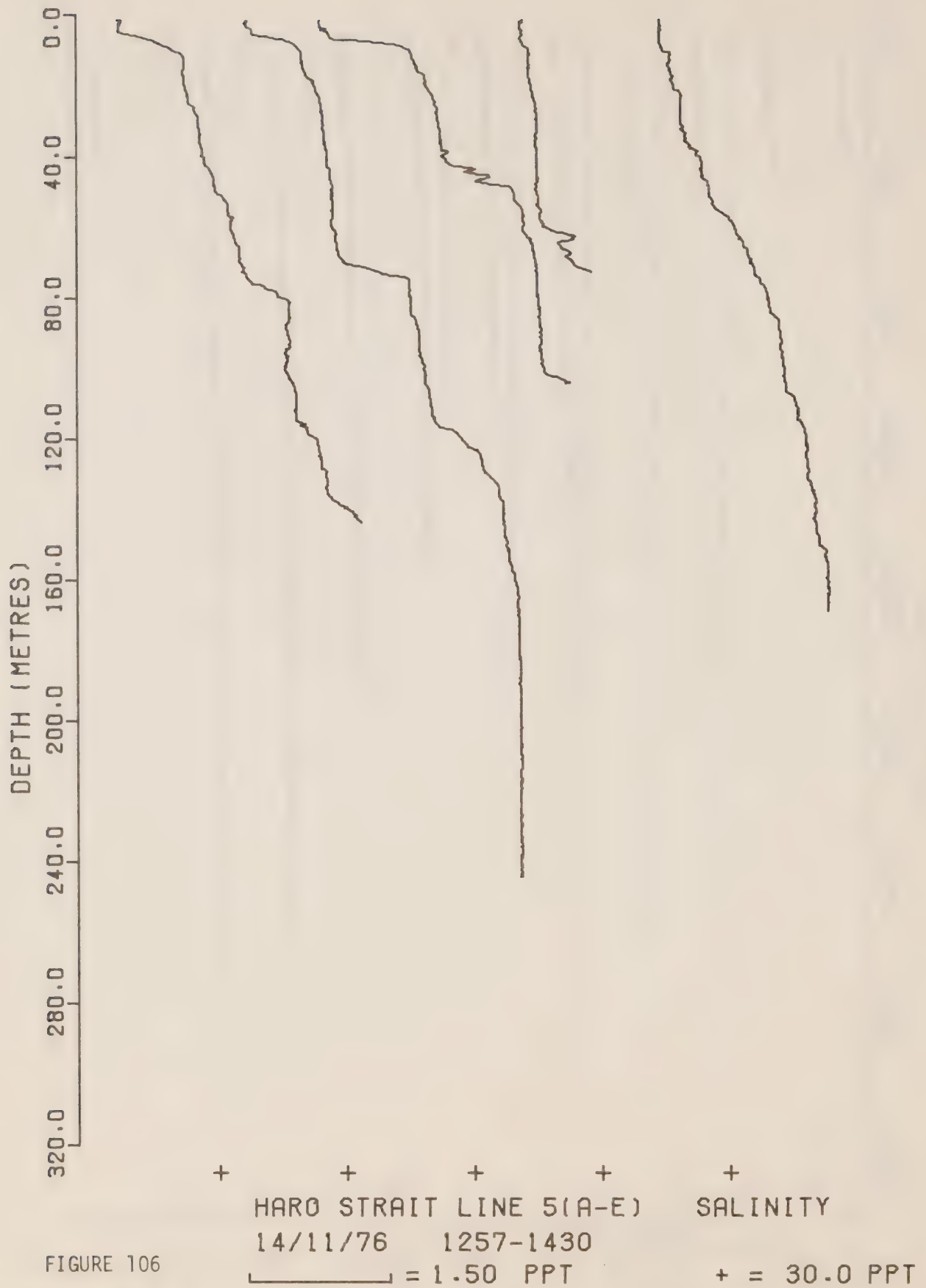


FIGURE 106

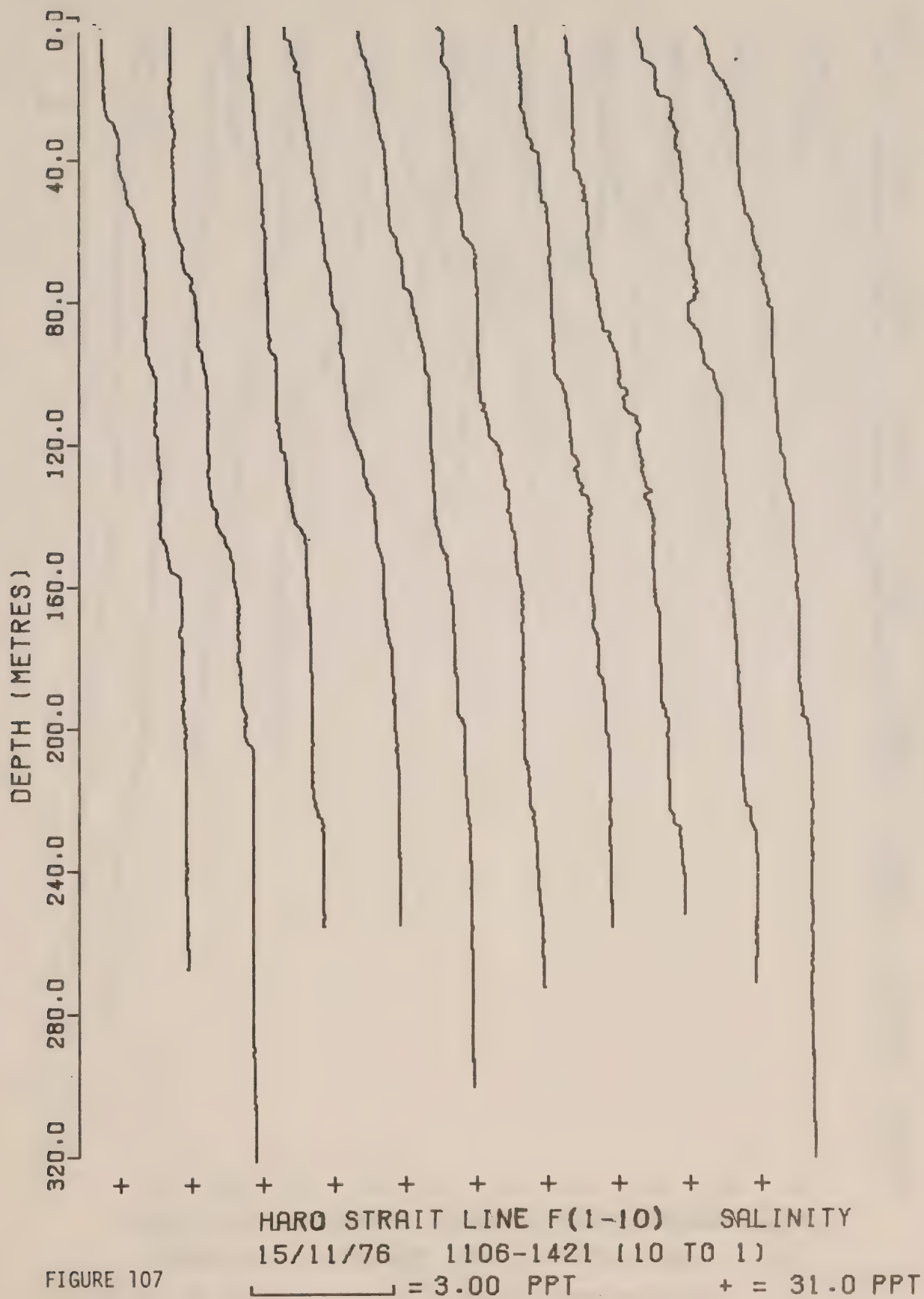


FIGURE 107

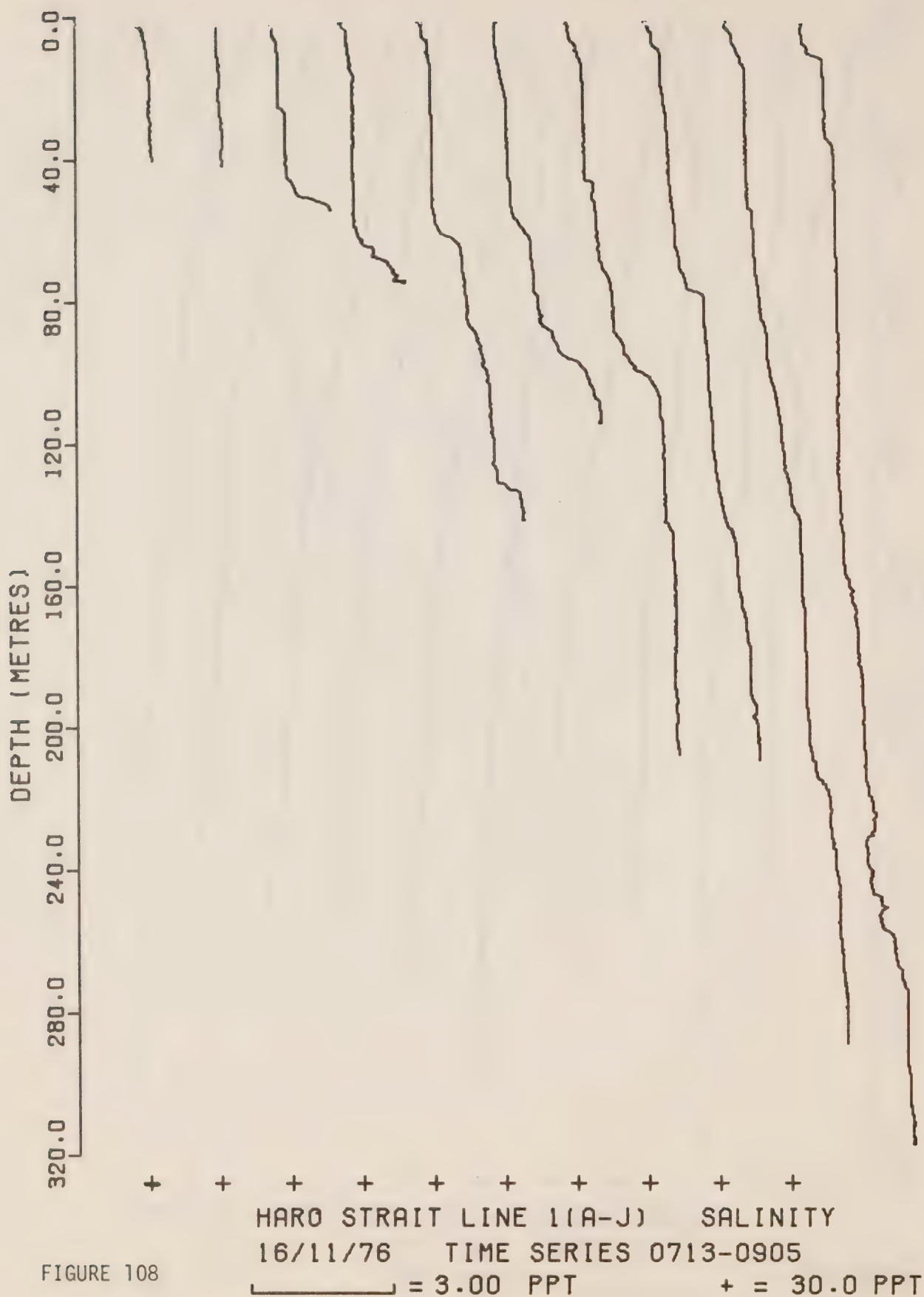


FIGURE 108

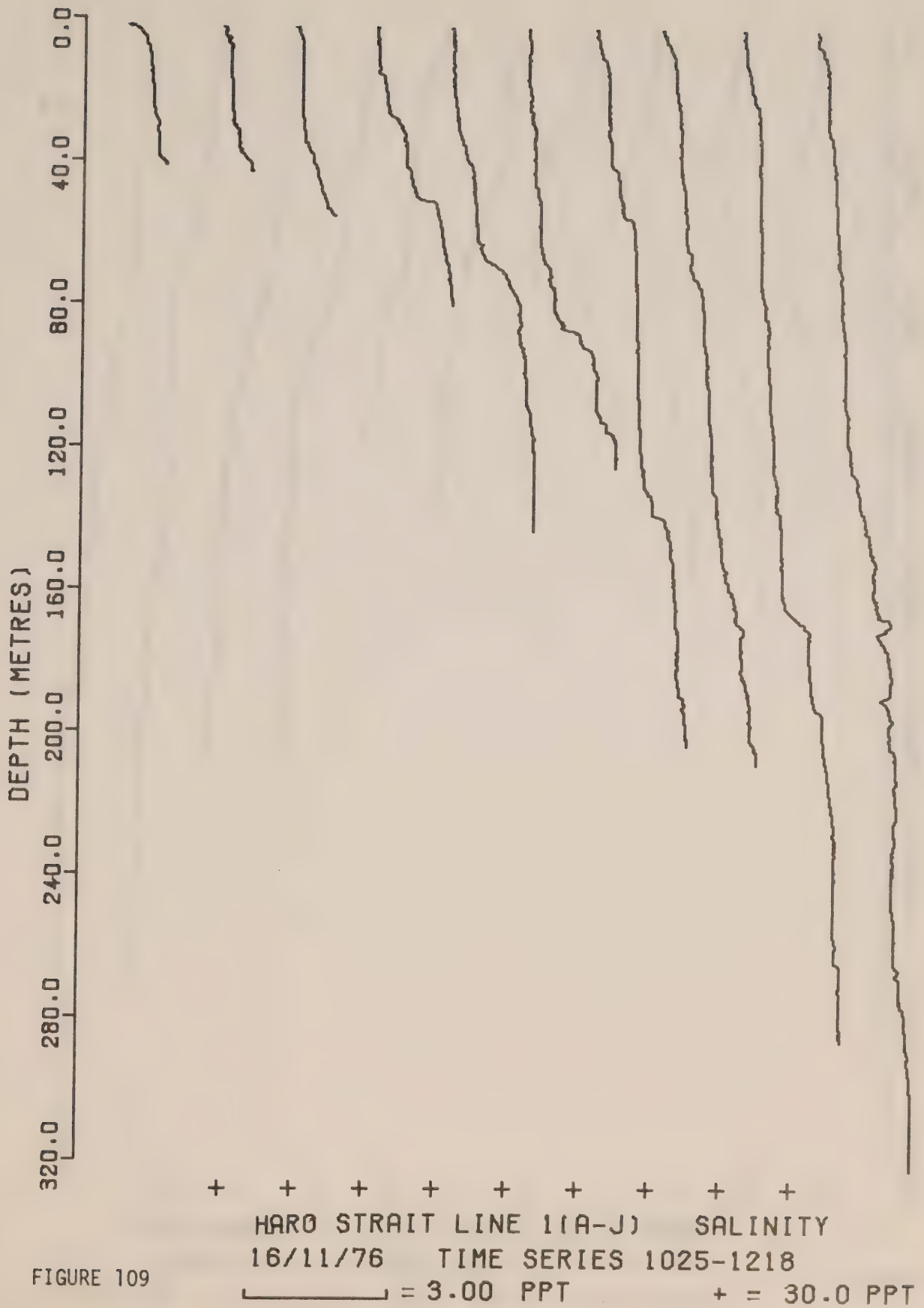


FIGURE 109

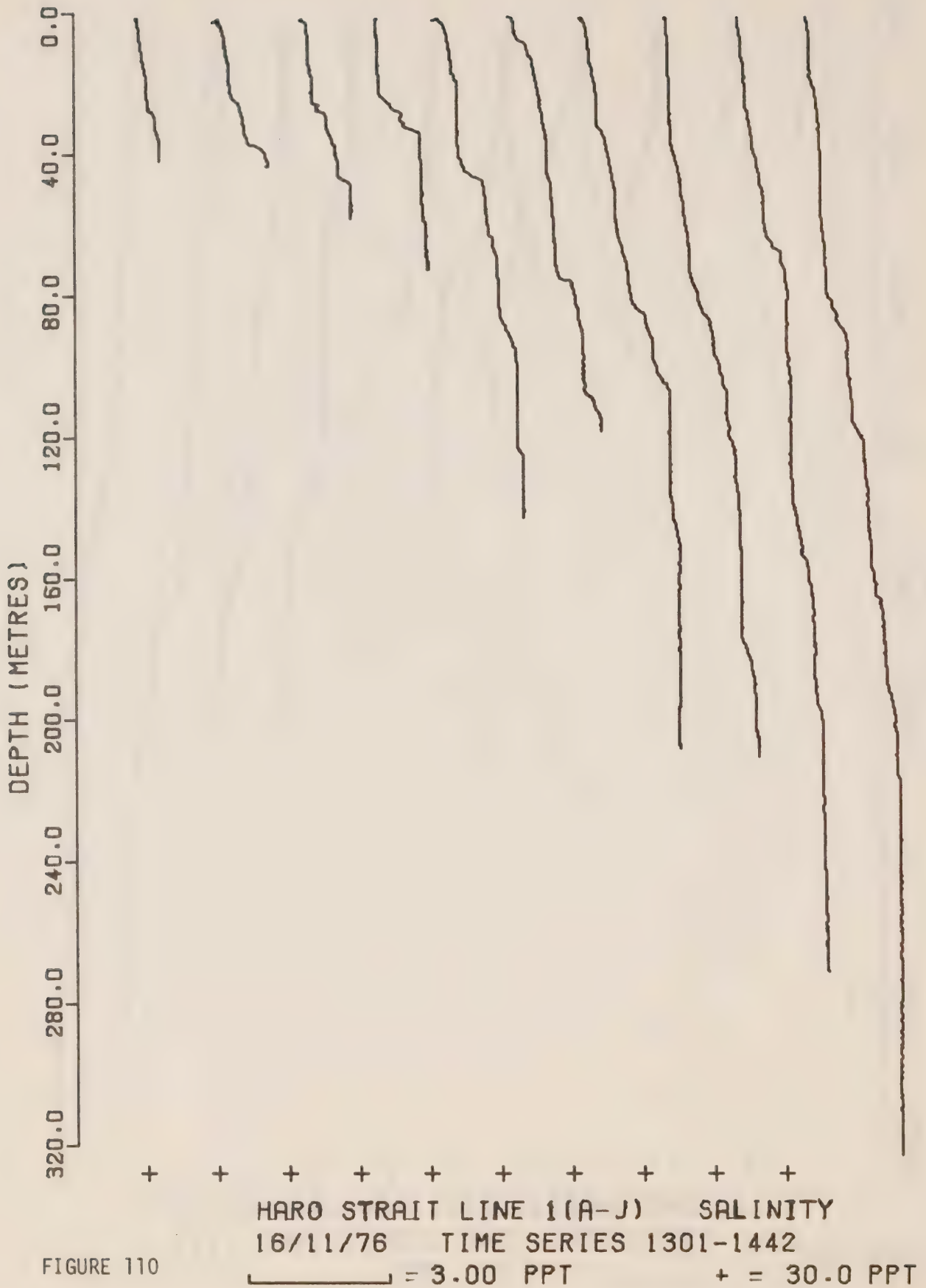


FIGURE 110

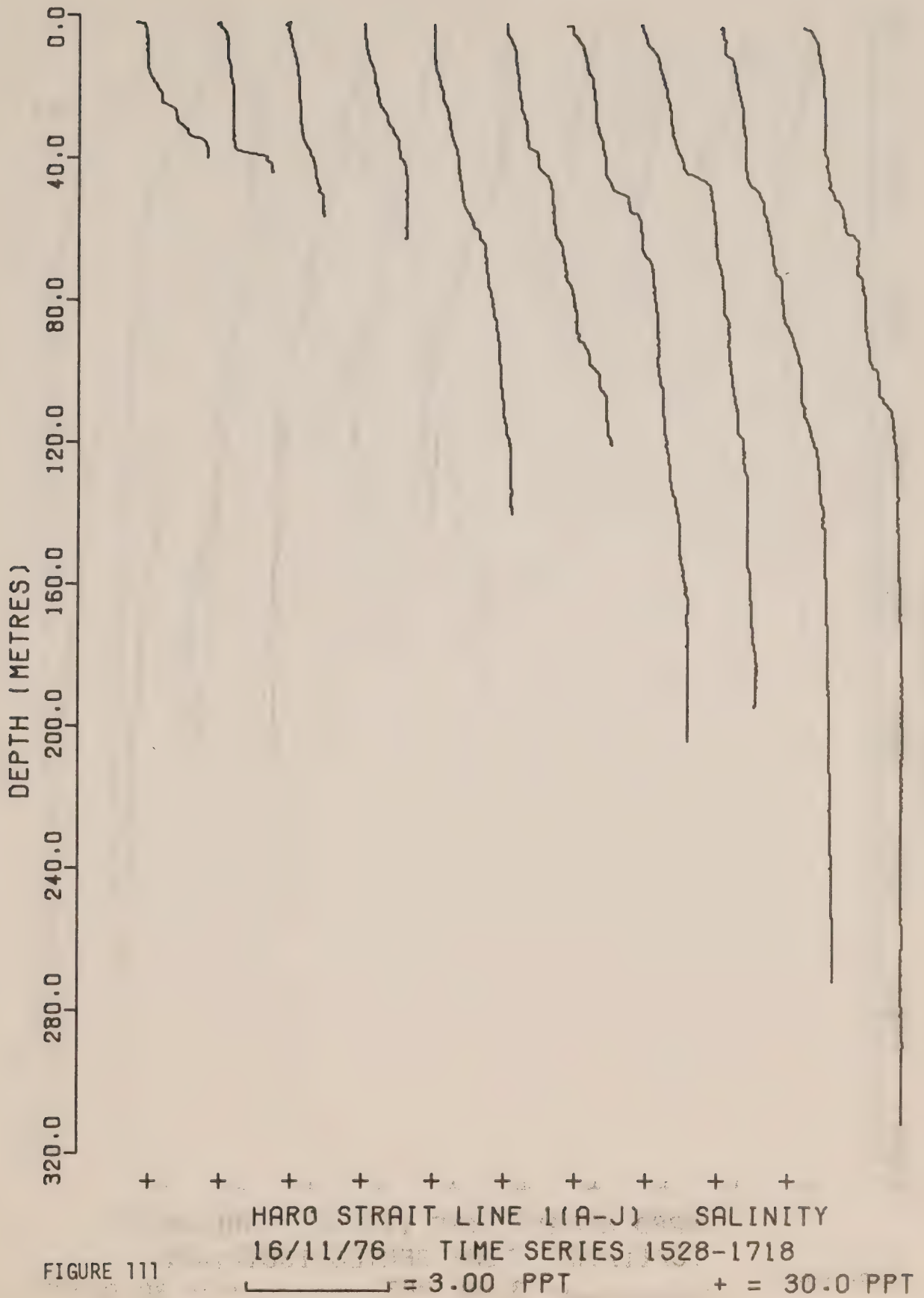


FIGURE 111

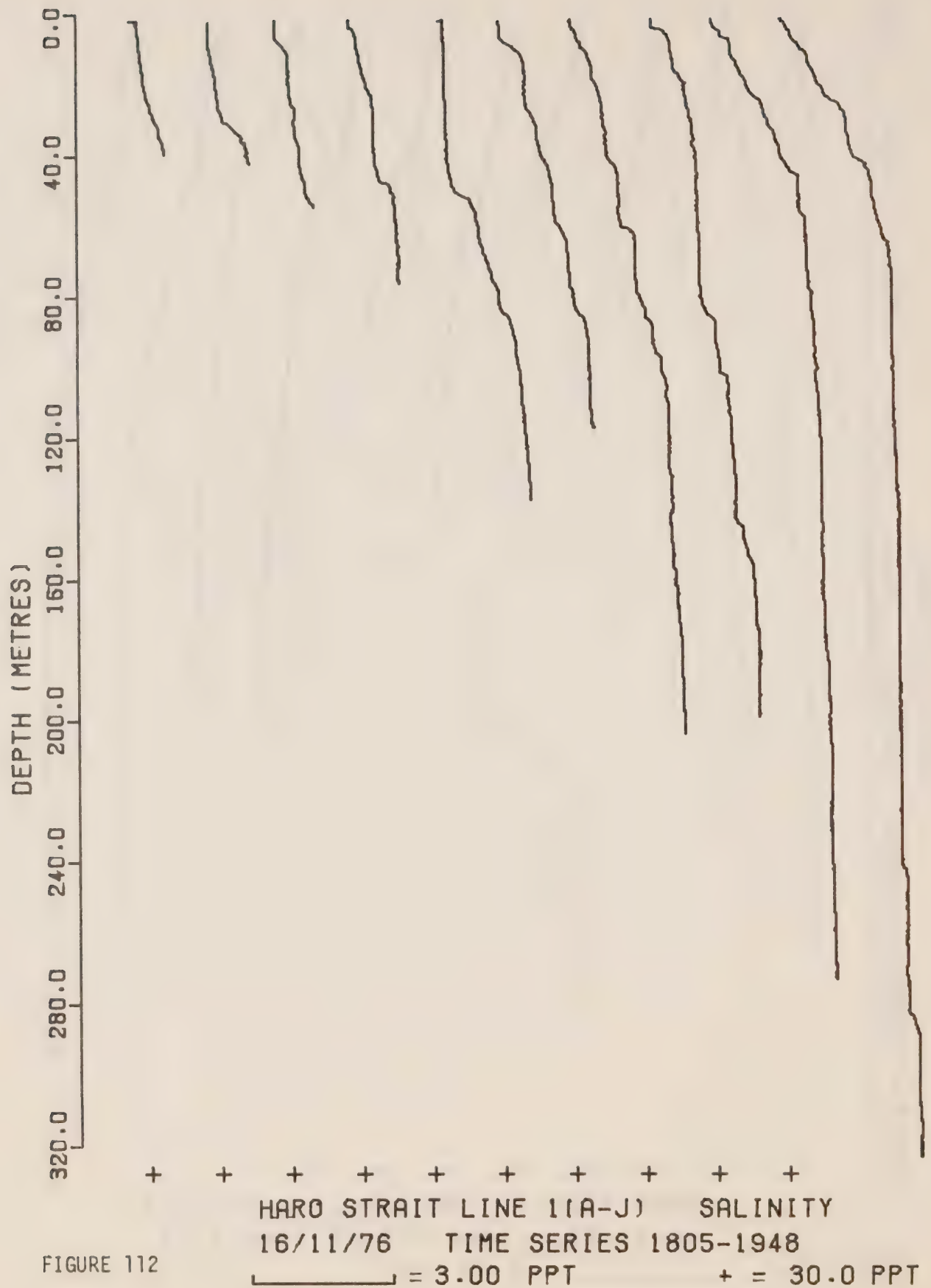


FIGURE 112

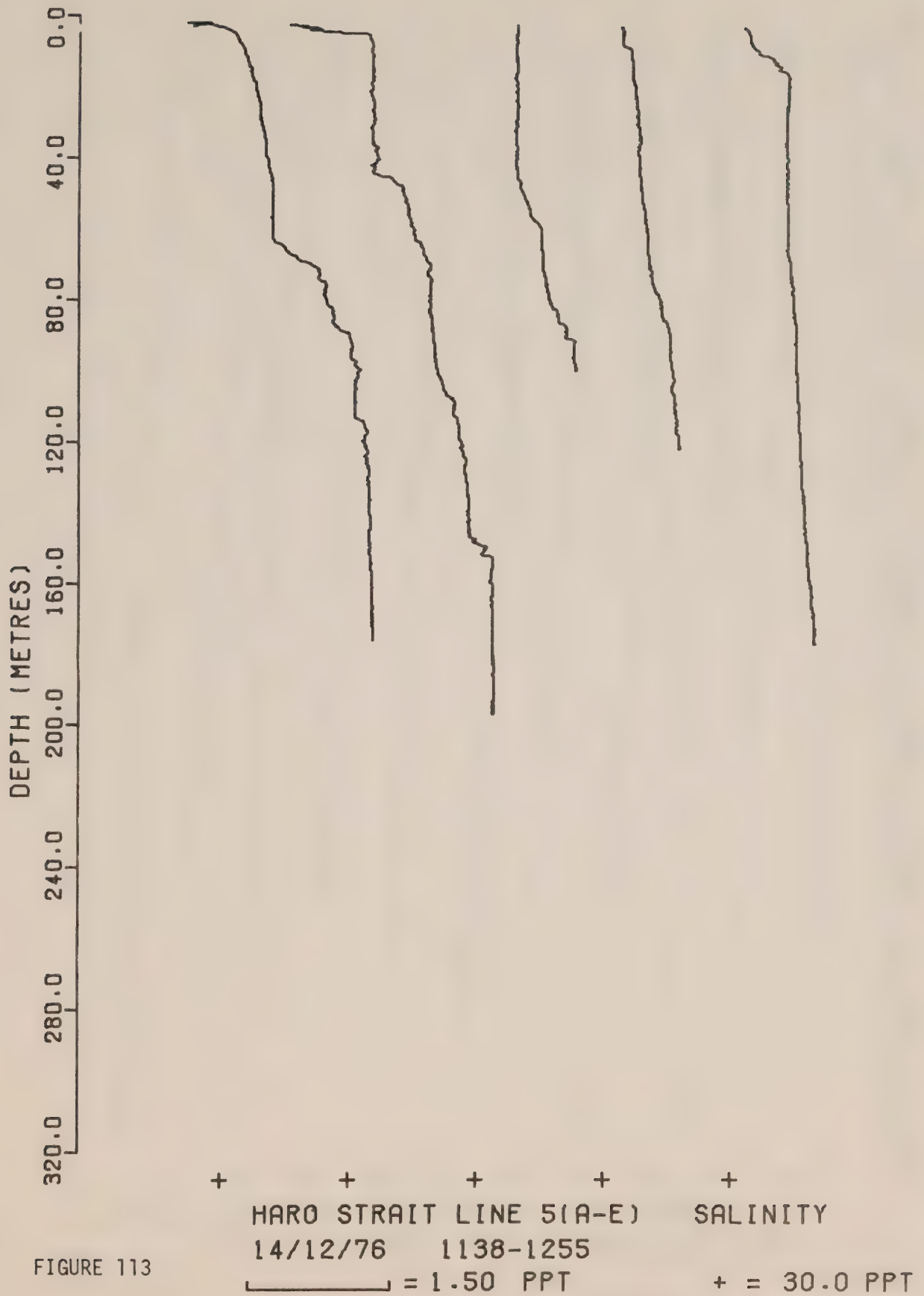


FIGURE 113

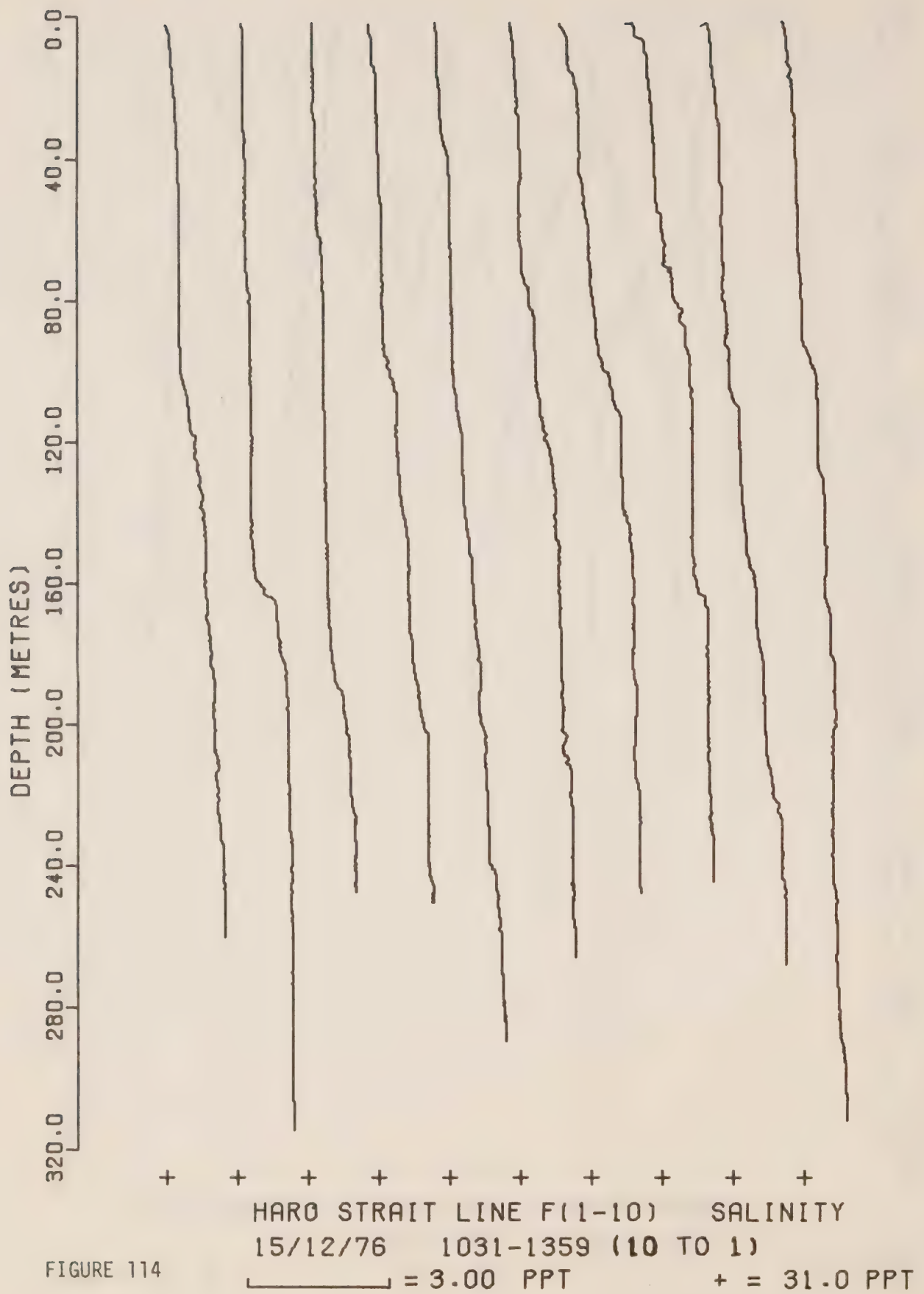


FIGURE 114

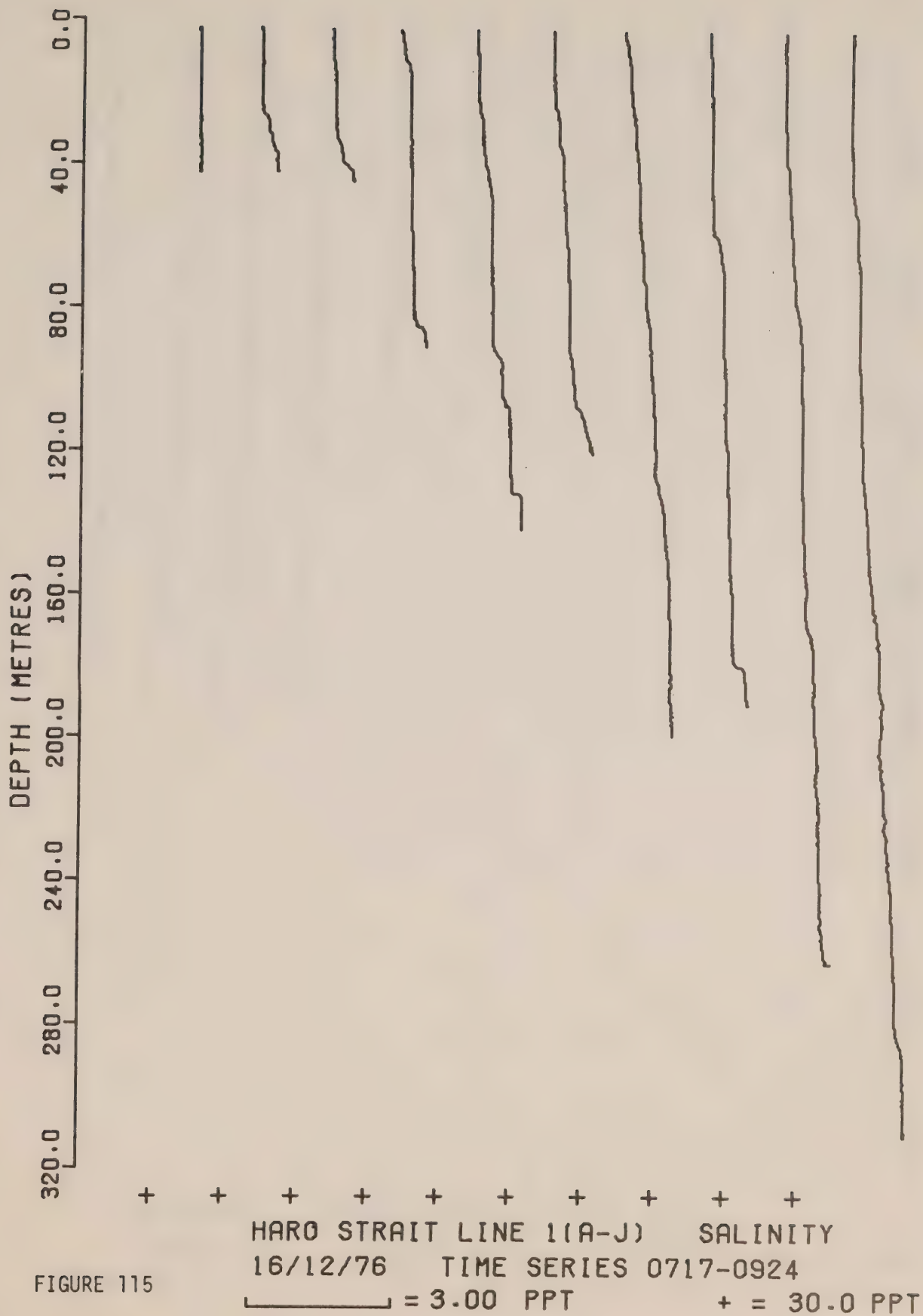


FIGURE 115

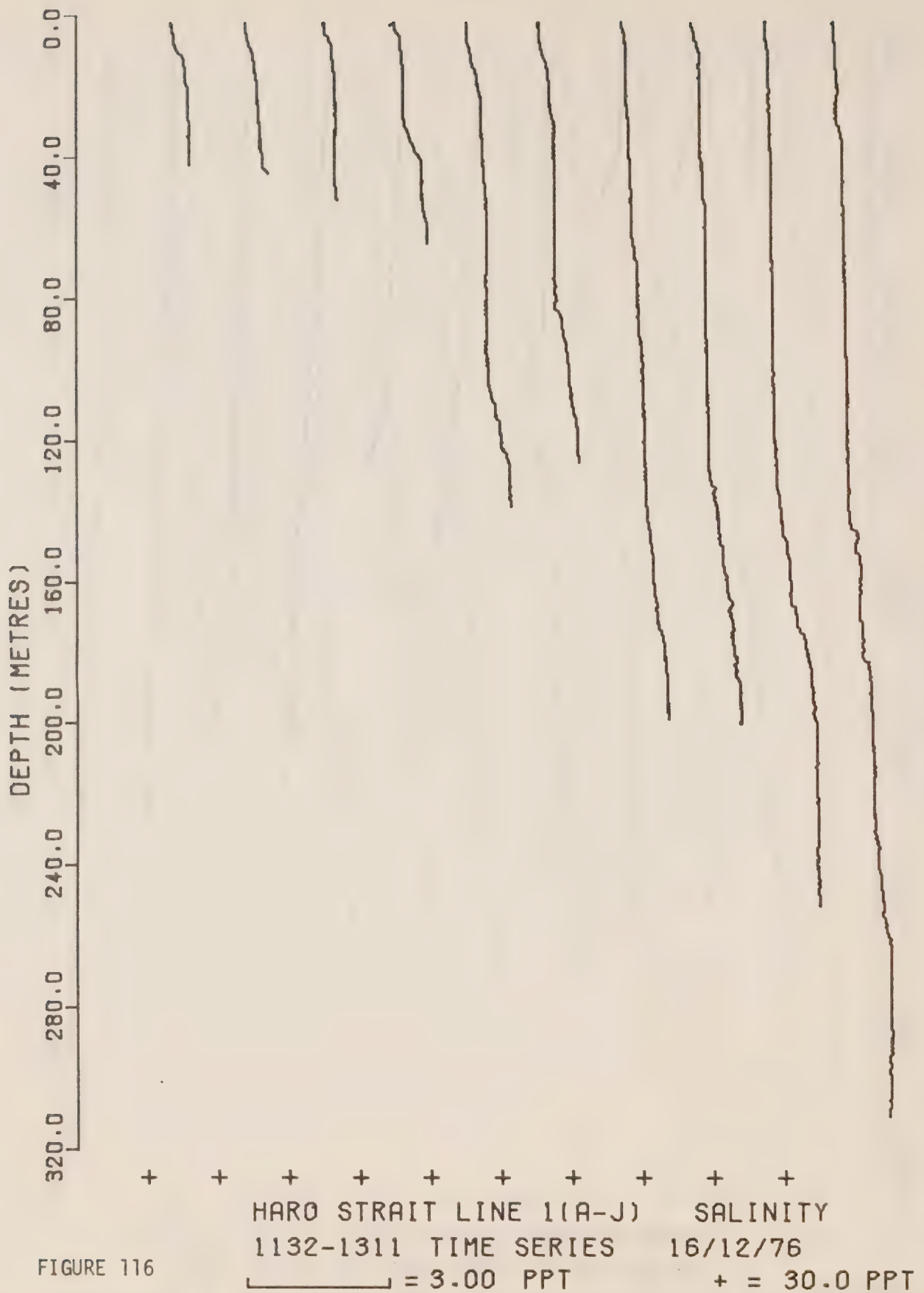


FIGURE 116

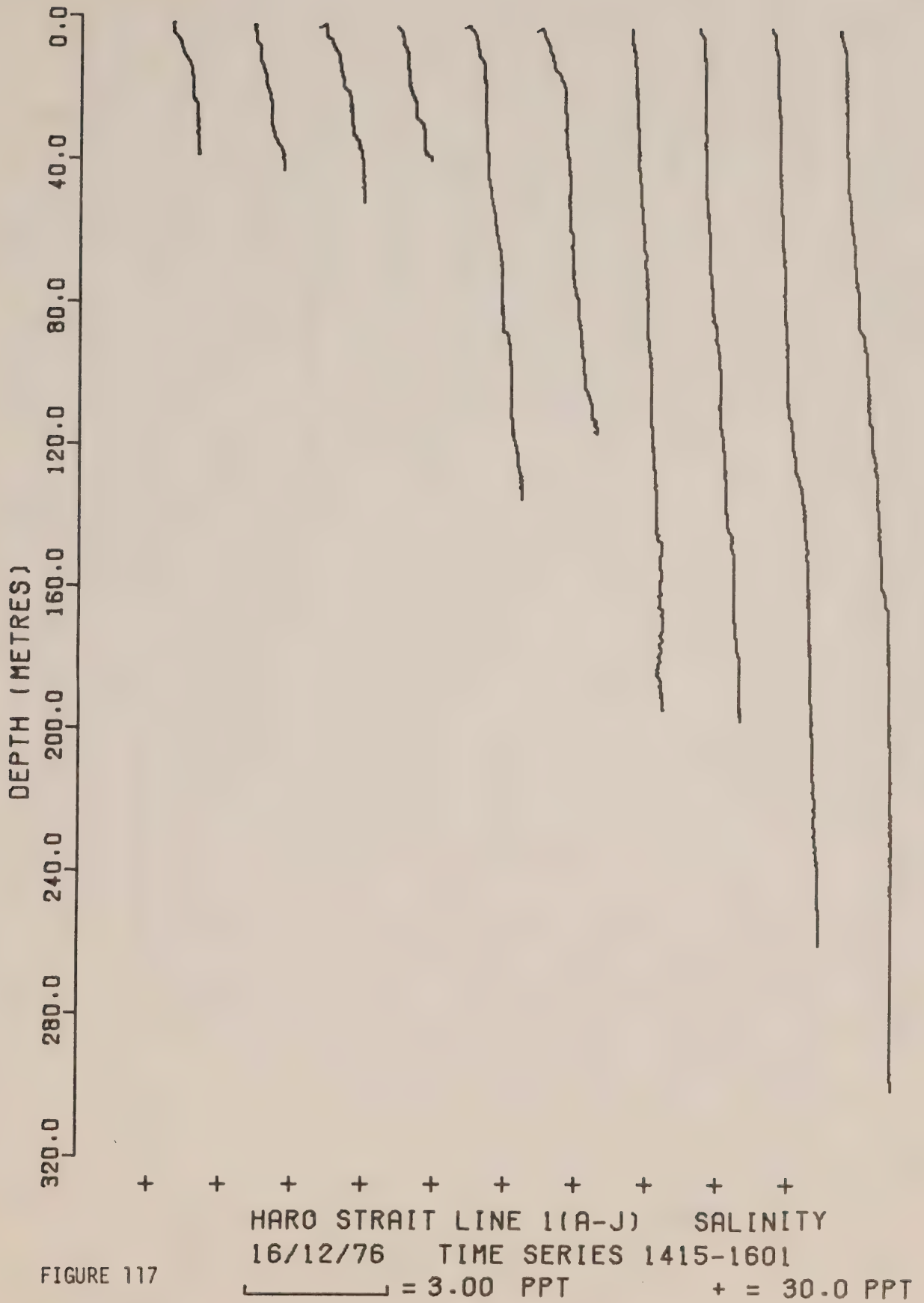


FIGURE 117

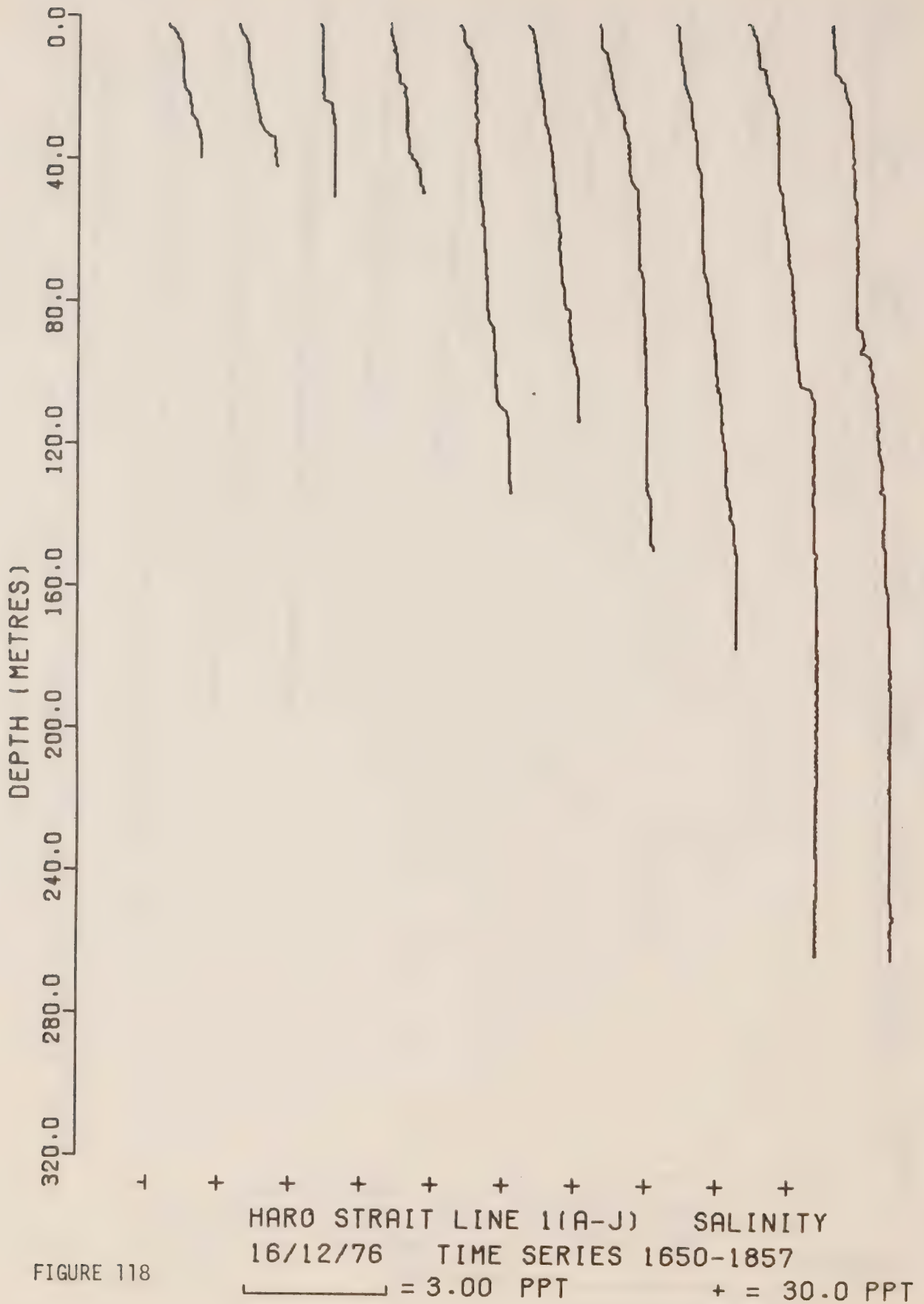
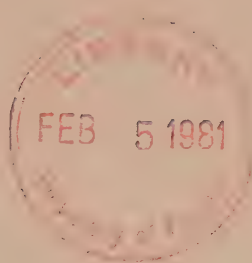


FIGURE 118

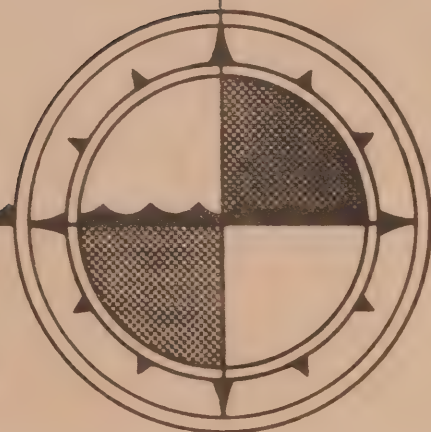
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SALINITY/TEMPERATURE PROFILES IN HARO STRAIT, B.C.
PART IV: January-April, 1977

by

Coastal Zone Oceanography Section



INSTITUTE OF OCEAN SCIENCES, PATRICIA BAY
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1979

TABLE OF CONTENTS

	page
Table of Contents	i
List of Figures	iii
PART IV	
Cruise No. 8. Jan. 26-27, 1977	489
Cruise No. 9. Mar. 1-3, 1977	505
Cruise No. 10. Apr. 4-6, 1977	541
Figures	579

LIST OF FIGURES

	page
Figures 1-2	Maps of Haro Strait and stations 581-582
Figures 119-125	Plots of depth-temperature profiles Cruise No. 8. 583-589
Figures 126-130	Plots of depth-temperature profiles Cruise No. 9. 590-594
Figures 131-135	Plots of depth-temperature profiles Cruise No. 10. 595-599
Figures 136-140	Plots of depth-salinity profiles Cruise No. 9. 600-604
Figures 141-145	Plots of depth-salinity profiles Cruise No. 10. 605-609

CRUISE No. 8
(Temperatures Only)

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZO/78/ 8-146 to 150

DATE 26/ 1/77

TIME (PST) 1028, 1046, 1108, 1128, 1142

PASS NO. 17, 19, 21, 23, 25

STN: LINE 5-A, B, C, D, E

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	6.25	6.31	6.81	7.40	7.12
2.	6.89	6.83	6.82	7.39	7.37
5.	7.18	7.30	7.41	7.36	7.45
10.	7.40	7.33	7.49	7.40	7.49
15.	7.45	7.34	7.55	7.43	7.52
20.	7.45	7.35	7.60	7.49	7.52
25.	7.48	7.39	7.62	7.51	7.54
30.	7.48	7.43	7.63	7.54	7.55
35.	7.53	7.44	7.60	7.55	7.56
40.	7.53	7.43	7.61	7.56	7.57
45.	7.53	7.45	7.61	7.59	7.61
50.	7.54	7.47	7.59	7.60	7.61
60.	7.56	7.50	7.59	7.61	7.60
70.	7.59	7.53	7.59	7.62	7.59
80.	7.61	7.58	7.63	7.62	7.59
90.	7.63	7.59	7.64	7.62	7.59
100.	7.63	7.65	7.65	7.63	7.58
110.	7.64	7.65		7.63	7.58
120.	7.66	7.66		7.63	7.61
130.	7.67	7.68			7.62
140.	7.69	7.68			7.61
150.	7.69	7.69			7.61
160.	7.70	7.70			7.62
170.	7.70	7.70			7.62
180.	7.70	7.70			
190.	7.70	7.70			
200.		7.70			

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 8 HARO STRAIT 1977
 TAPE CZO/78/ 8-151 to 155
 DATE 26/ 1/77
 TIME (PST) 1306, 1326, 1343, 1404, 1423
 STN: LINE F-10, 9, 8, 7, 6

PASS NO. 27, 29, 31, 33, 35

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.57	7.55	7.56	7.60	7.55
2.	7.57	7.54	7.56	7.61	7.55
5.	7.58	7.54	7.56	7.61	7.55
10.	7.60	7.56	7.56	7.61	7.56
15.	7.60	7.61	7.57	7.61	7.56
20.	7.61	7.61	7.57	7.61	7.56
25.	7.61	7.62	7.57	7.61	7.57
30.	7.61	7.63	7.57	7.61	7.58
35.	7.65	7.64	7.57	7.62	7.59
40.	7.67	7.65	7.58	7.62	7.59
45.	7.68	7.67	7.57	7.62	7.60
50.	7.68	7.67	7.58	7.62	7.61
60.	7.68	7.67	7.58	7.62	7.63
70.	7.69	7.68	7.59	7.62	7.64
80.	7.70	7.68	7.59	7.63	7.64
90.	7.71	7.68	7.59	7.63	7.65
100.	7.73	7.68	7.60	7.63	7.65
110.	7.73	7.68	7.61	7.63	7.65
120.	7.73	7.67	7.60	7.64	7.65
130.	7.74	7.67	7.61	7.66	7.67
140.	7.74	7.68	7.61	7.66	7.67
150.	7.74	7.71	7.63	7.67	7.67
160.	7.74	7.71	7.66	7.68	7.67
170.	7.74	7.72	7.67	7.71	7.68
180.	7.74	7.72	7.68	7.71	7.70
190.	7.75	7.73	7.71	7.71	7.71
200.	7.75	7.73	7.73	7.72	7.72
210.	7.75	7.74	7.76	7.73	7.72
220.	7.75	7.75	7.76	7.75	7.73
230.	7.75	7.77	7.77	7.76	7.73
240.	7.75	7.77	7.77	7.76	7.74
250.	7.75				7.75
260.	7.76				7.74
270.	7.76				
280.	7.76				
290.	7.76				

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZO/78/ 8-156 to 160

PASS NO. 37, 39, 41, 43, 45

DATE 26/ 1/77

TIME (PST) 1441, 1459, 1515, 1534, 1600

STN: LINE F-5, 4, 3, 2, 1

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.55	7.56	7.55	7.56	7.59
2.	7.55	7.56	7.56	7.56	7.59
5.	7.54	7.56	7.56	7.57	7.60
10.	7.54	7.56	7.58	7.60	7.59
15.	7.54	7.56	7.60	7.61	7.59
20.	7.55	7.57	7.61	7.61	7.59
25.	7.56	7.58	7.61	7.62	7.58
30.	7.57	7.59	7.61	7.62	7.58
35.	7.62	7.60	7.61	7.62	7.58
40.	7.62	7.61	7.61	7.62	7.59
45.	7.62	7.62	7.61	7.62	7.63
50.	7.63	7.62	7.61	7.61	7.64
60.	7.63	7.63	7.62	7.63	7.64
70.	7.64	7.64	7.64	7.65	7.65
80.	7.66	7.66	7.64	7.66	7.65
90.	7.66	7.67	7.64	7.67	7.65
100.	7.67	7.68	7.65	7.68	7.65
110.	7.67	7.69	7.67	7.68	7.66
120.	7.68	7.70	7.67	7.70	7.69
130.	7.68	7.70	7.68	7.73	7.72
140.	7.69	7.70	7.70	7.75	7.73
150.	7.69	7.70	7.70	7.76	7.75
160.	7.69	7.71	7.70	7.77	7.77
170.	7.72	7.73	7.70	7.78	7.77
180.	7.73	7.75	7.71	7.78	7.78
190.	7.74	7.76	7.72	7.78	7.78
200.	7.74	7.76	7.72	7.78	7.78
210.	7.74	7.76	7.75	7.78	7.78
220.	7.74	7.77	7.76	7.79	7.78
230.	7.75	7.78	7.77	7.79	7.79
240.	7.75	7.78	7.77	7.79	7.79
250.	7.76		7.78	7.79	7.79
260.	7.76			7.79	7.79
270.	7.76			7.79	
280.	7.77			7.80	
290.	7.78			7.81	
300.	7.78			7.82	
310.				7.82	

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZ0/78/ 8-161 to 165

DATE 27/ 1/77

PASS NO. 47, 49, 51, 53, 55

TIME (PST) 0717, 0731, 0741, 0749, 0801

STN: LINE 1-A, B, C, D, E

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.34	7.40	7.36	7.37	7.43
2.	7.34	7.41	7.39	7.38	7.42
5.	7.38	7.42	7.40	7.37	7.43
10.	7.40	7.43	7.41	7.41	7.44
15.	7.41	7.43	7.41	7.47	7.50
20.	7.41	7.43	7.41	7.52	7.53
25.	7.42	7.43	7.43	7.52	7.54
30.	7.46	7.44	7.44	7.53	7.55
35.	7.46	7.44	7.46	7.55	7.55
40.			7.49	7.55	7.56
45.			7.51	7.55	7.56
50.				7.56	7.56
60.				7.56	7.56
70.				7.57	7.57
80.				7.57	7.58
90.				7.60	7.62
100.				7.62	7.63
110.				7.64	7.65
120.					7.66
130.					7.68

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZO/78/8-166 to 170

DATE 27/ 1/77

TIME (PST) 0812, 0824, 0838, 0854, 0909

PASS NO. 57, 59, 61, 63, 65

STN: LINE 1-F,G,H,I,J

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.34	7.39	7.44	7.46	7.43
2.	7.36	7.39	7.46	7.47	7.44
5.	7.34	7.38	7.48	7.52	7.45
10.	7.52	7.37	7.49	7.52	7.49
15.	7.53	7.47	7.50	7.52	7.50
20.	7.54	7.55	7.53	7.58	7.51
25.	7.55	7.55	7.54	7.59	7.52
30.	7.55	7.54	7.55	7.59	7.53
35.	7.56	7.52	7.55	7.59	7.53
40.	7.55	7.52	7.55	7.59	7.53
45.	7.55	7.52	7.56	7.59	7.54
50.	7.55	7.50	7.56	7.59	7.54
60.	7.55	7.54	7.58	7.59	7.55
70.	7.56	7.56	7.58	7.59	7.58
80.	7.57	7.58	7.58	7.60	7.60
90.	7.57	7.59	7.59	7.63	7.60
100.	7.63	7.60	7.61	7.63	7.60
110.	7.65	7.62	7.61	7.64	7.61
120.		7.64	7.63	7.65	7.60
130.		7.66	7.64	7.65	7.61
140.		7.69	7.64	7.66	7.61
150.		7.69	7.66	7.66	7.61
160.		7.70	7.66	7.67	7.62
170.		7.71	7.67	7.68	7.62
180.		7.72	7.71	7.72	7.64
190.		7.72	7.72	7.74	7.63
200.		7.74	7.75	7.78	7.66
210.				7.79	7.64
220.				7.79	7.66
230.				7.80	7.69
240.				7.81	7.76
250.				7.81	7.77
260.				7.81	7.78
270.				7.81	7.80
280.				7.81	7.81
290.				7.83	7.82
300.					7.82
310.					7.82

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZO/78/8-171 to 175

DATE 27/ 1/77

PASS NO. 67, 69, 71, 73, 75

TIME (PST) 1024, 1032, 1041, 1051, 1058

STN: LINE 1-A, B, C, D, E

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.30	7.37	7.39	7.37	7.40
2.	7.31	7.38	7.40	7.39	7.41
5.	7.35	7.38	7.40	7.45	7.42
10.	7.36	7.38	7.41	7.51	7.47
15.	7.38	7.38	7.43	7.56	7.53
20.	7.36	7.41	7.44	7.57	7.55
25.	7.41	7.45	7.46	7.60	7.55
30.	7.46	7.48	7.47	7.61	7.54
35.	7.57	7.48	7.48	7.63	7.54
40.		7.48	7.51	7.63	7.55
45.			7.57	7.63	7.55
50.			7.62	7.63	7.54
60.				7.65	7.56
70.					7.57
80.					7.62
90.					7.65
100.					7.66
110.					7.67
120.					7.69
130.					7.70

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZ0/78/8-176 to 180

DATE 27/ 1/77

TIME (PST) 1109, 1118, 1133, 1146, 1200

STN: LINE 1-F, G, H, I, J

PASS NO. 77, 79, 81, 83, 85

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.38	7.46	7.45	7.52	7.50
2.	7.42	7.54	7.47	7.54	7.52
5.	7.43	7.51	7.51	7.54	7.50
10.	7.54	7.49	7.54	7.55	7.50
15.	7.57	7.48	7.55	7.55	7.50
20.	7.57	7.48	7.56	7.55	7.51
25.	7.54	7.49	7.55	7.55	7.54
30.	7.52	7.51	7.55	7.57	7.54
35.	7.51	7.52	7.58	7.59	7.54
40.	7.53	7.55	7.58	7.60	7.55
45.	7.55	7.55	7.58	7.60	7.55
50.	7.58	7.55	7.59	7.60	7.55
60.	7.60	7.57	7.61	7.62	7.57
70.	7.61	7.60	7.61	7.63	7.60
80.	7.69	7.61	7.61	7.63	7.60
90.	7.72	7.64	7.61	7.63	7.61
100.	7.73	7.65	7.63	7.63	7.62
110.		7.67	7.65	7.64	7.63
120.		7.71	7.66	7.65	7.66
130.		7.72	7.69	7.67	7.68
140.		7.72	7.71	7.69	7.66
150.		7.74	7.71	7.70	7.69
160.		7.75	7.73	7.72	7.69
170.		7.77	7.73	7.73	7.70
180.		7.78	7.73	7.75	7.73
190.		7.79	7.75	7.78	7.74
200.		7.80	7.79	7.79	7.77
210.				7.79	7.76
220.				7.79	7.77
230.				7.79	7.77
240.				7.79	7.77
250.				7.79	7.77
260.				7.80	7.77
270.				7.80	7.78
280.				7.80	7.80
290.				7.80	7.81
300.					7.81
310.					7.82
320.					7.82

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZO/78/8-181 to 185

DATE 27/ 1/77

PASS NO. 87, 89, 91, 93, 95

TIME (PST) 1242, 1250, 1259, 1307, 1316

STN: LINE 1-A, B, C, D, E

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.38	7.41	7.50	7.54	7.52
2.	7.38	7.36	7.45	7.51	7.47
5.	7.38	7.37	7.44	7.50	7.46
10.	7.40	7.44	7.49	7.48	7.54
15.	7.40	7.44	7.49	7.48	7.55
20.	7.42	7.51	7.50	7.47	7.55
25.	7.43	7.56	7.51	7.48	7.56
30.	7.53	7.58	7.52	7.52	7.56
35.		7.62	7.54	7.54	7.58
40.		7.62	7.61	7.58	7.58
45.			7.63	7.59	7.57
50.				7.54	7.52
60.				7.56	7.56
70.				7.61	7.58
80.				7.63	7.58
90.				7.64	7.65
100.				7.64	7.66
110.				7.66	7.68
120.				7.69	7.68
130.					7.73

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZO/78/8-186 to 190

DATE 27/ 1/77

TIME (PST) 1326, 1340, 1353, 1410, 1426

STN: LINE 1-F, G, H, I, J

PASS NO. 97, 99, 101, 103, 105

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.52	7.55	7.54	7.56	7.55
2.	7.49	7.55	7.53	7.55	7.55
5.	7.53	7.51	7.52	7.55	7.56
10.	7.56	7.51	7.56	7.56	7.56
15.	7.57	7.51	7.57	7.55	7.56
20.	7.58	7.57	7.56	7.55	7.56
25.	7.58	7.57	7.55	7.55	7.56
30.	7.58	7.57	7.53	7.54	7.56
35.	7.55	7.57	7.52	7.53	7.56
40.	7.54	7.56	7.52	7.53	7.56
45.	7.53	7.56	7.53	7.54	7.56
50.	7.52	7.55	7.54	7.56	7.58
60.	7.59	7.52	7.59	7.59	7.60
70.	7.61	7.54	7.61	7.62	7.61
80.	7.62	7.58	7.62	7.62	7.63
90.	7.63	7.60	7.63	7.65	7.65
100.	7.62	7.60	7.66	7.68	7.67
110.	7.68	7.64	7.67	7.69	7.71
120.		7.68	7.68	7.70	7.72
130.		7.70	7.71	7.72	7.73
140.		7.71	7.73	7.74	7.73
150.		7.72	7.74	7.75	7.74
160.		7.74	7.74	7.77	7.75
170.		7.75	7.75	7.78	7.75
180.		7.76	7.76	7.79	7.75
190.		7.77	7.79	7.79	7.77
200.		7.77	7.80	7.79	7.77
210.				7.79	7.78
220.				7.80	7.78
230.				7.80	7.78
240.				7.80	7.79
250.				7.81	7.80
260.				7.82	7.81
270.				7.82	7.81
280.					7.81
290.					7.81
300.					7.81

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZ0/78/8-191 to 195

DATE 27/ 1/77

PASS NO. 107, 109, 111, 113, 115

TIME (PST) 1508, 1518, 1526, 1533, 1542

STN: LINE 1-A, B, C, D, E

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.39	7.48	7.49	7.46	7.46
2.	7.40	7.49	7.49	7.48	7.46
5.	7.38	7.48	7.50	7.48	7.46
10.	7.37	7.48	7.52	7.52	7.48
15.	7.37	7.47	7.52	7.52	7.52
20.	7.37	7.48	7.52	7.53	7.54
25.	7.39	7.48	7.52	7.53	7.55
30.	7.40	7.49	7.52	7.53	7.56
35.		7.52	7.55	7.53	7.56
40.		7.54	7.55	7.53	7.56
45.			7.55	7.56	7.56
50.			7.55	7.59	7.56
60.				7.64	7.58
70.				7.65	7.63
80.				7.65	7.64
90.					7.64
100.					7.65
110.					7.67
120.					7.69

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZ0/78/8-196 to 200

DATE 27/ 1/77

TIME (PST) 1554, 1603, 1616, 1631, 1647

STN: LINE 1-F, G, H, I, J

PASS NO. 117, 119, 121, 123, 125

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.44	7.46	7.44	7.47	7.52
2.	7.46	7.47	7.48	7.48	7.53
5.	7.45	7.47	7.49	7.50	7.54
10.	7.48	7.49	7.56	7.56	7.56
15.	7.53	7.53	7.58	7.58	7.60
20.	7.55	7.57	7.59	7.59	7.60
25.	7.57	7.57	7.58	7.60	7.60
30.	7.57	7.58	7.58	7.61	7.61
35.	7.58	7.58	7.58	7.61	7.61
40.	7.58	7.57	7.58	7.61	7.61
45.	7.58	7.57	7.58	7.60	7.61
50.	7.58	7.58	7.59	7.60	7.62
60.	7.59	7.59	7.60	7.60	7.64
70.	7.62	7.63	7.63	7.63	7.66
80.	7.61	7.64	7.65	7.64	7.67
90.		7.61	7.65	7.65	7.67
100.		7.63	7.67	7.69	7.71
110.		7.67	7.68	7.69	7.73
120.		7.70	7.68	7.70	7.74
130.		7.71	7.69	7.75	7.76
140.		7.72	7.72	7.76	7.77
150.		7.75	7.76	7.77	7.78
160.		7.75	7.77	7.77	7.78
170.		7.75	7.77	7.78	7.79
180.		7.75	7.78	7.78	7.79
190.			7.78	7.78	7.79
200.				7.79	7.79
210.				7.79	7.79
220.				7.79	7.79
230.				7.80	7.80
240.				7.80	7.81
250.				7.80	7.81
260.				7.81	7.82
270.				7.81	7.82

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZO/78/8-201 to 205

DATE 27/ 1/77

PASS NO. 127, 129, 131, 133, 135

TIME (PST) 1729, 1736, 1745, 1753, 1803

STN: LINE 1-A, B, C, D, E

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.	7.24	7.33	7.37	7.33	7.47
2.	7.28	7.33	7.39	7.38	7.49
5.	7.34	7.33	7.41	7.40	7.49
10.	7.36	7.40	7.47	7.46	7.50
15.	7.34	7.42	7.51	7.47	7.50
20.	7.34	7.42	7.55	7.47	7.50
25.		7.40	7.56	7.48	7.50
30.		7.41	7.56	7.55	7.53
35.		7.44	7.57	7.55	7.56
40.		7.49	7.57	7.56	7.58
45.			7.57	7.59	7.59
50.				7.60	7.61
60.				7.60	7.61
70.				7.62	7.61
80.				7.64	7.62
90.				7.64	7.64
100.				7.64	7.65
110.				7.64	7.66
120.				7.65	7.68
130.					7.69

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 HARO STRAIT 1977

TAPE CZO/78/8-206 to 210

DATE 27/ 1/77

TIME (PST) 1814, 1825, 1837, 1854, 1909

STN: LINE 1-F, G, H, I, J

PASS NO. 137, 139, 141, 143, 145

DEPTH	TEMP	TEMP	TEMP	TEMP	TEMP
.0	7.45	7.40	7.36	7.37	7.44
2.	7.45	7.38	7.42	7.46	7.54
5.	7.51	7.49	7.50	7.53	7.55
10.	7.54	7.56	7.56	7.57	7.56
15.	7.54	7.57	7.58	7.59	7.59
20.	7.54	7.58	7.59	7.60	7.63
25.	7.54	7.59	7.59	7.61	7.64
30.	7.55	7.60	7.60	7.62	7.65
35.	7.56	7.60	7.60	7.63	7.65
40.	7.58	7.61	7.61	7.63	7.64
45.	7.60	7.61	7.61	7.63	7.65
50.	7.61	7.62	7.63	7.65	7.65
60.	7.63	7.64	7.63	7.64	7.66
70.	7.63	7.64	7.64	7.65	7.66
80.	7.60	7.61	7.68	7.66	7.68
90.	7.60	7.63	7.68	7.69	7.69
100.	7.62	7.63	7.69	7.70	7.70
110.	7.69	7.63	7.69	7.71	7.72
120.		7.65	7.69	7.72	7.73
130.		7.66	7.69	7.72	7.74
140.		7.68	7.72	7.73	7.75
150.		7.70	7.73	7.73	7.76
160.		7.75	7.77	7.76	7.78
170.		7.76	7.78	7.77	7.78
180.		7.77	7.78	7.78	7.78
190.		7.77	7.78	7.78	7.78
200.		7.77		7.79	7.78
210.				7.79	7.78
220.				7.79	7.78
230.				7.80	7.78
240.				7.80	7.78
250.				7.81	7.79
260.				7.82	7.80
270.				7.85	7.82
280.					7.83
290.					7.84
300.					7.86

CRUISE NO. 9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 46.86
 DATE 1/ 3/77
 TIME (PST) 1655

TAPE CZ0/78/ 8-211
 LONG W123 2.50
 PASS NO. 17
 STN: LINE 5-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	29.90	7.87	23.33	6.89
2.2	2.2	29.92	7.85	23.34	6.21
5.3	5.3	29.98	7.85	23.39	6.92
10.0	10.1	30.05	7.86	23.45	7.56*
15.1	15.1	30.24	7.85	23.59	7.77*
20.2	20.2	30.30	7.84	23.64	5.38*
25.1	25.2	30.34	7.84	23.67	3.94*
30.2	30.3	30.35	7.84	23.68	4.03*
35.1	35.3	30.38	7.84	23.70	3.78*
40.1	40.3	30.40	7.84	23.72	2.91*
45.0	45.2	30.41	7.84	23.73	2.14*
50.0	50.2	30.41	7.84	23.73	1.52*
60.0	60.3	30.41	7.85	23.73	1.16*
70.0	70.3	30.42	7.85	23.73	1.80*
80.2	80.5	30.45	7.85	23.76	7.22*
90.2	90.6	30.50	7.85	23.79	2.95*
100.1	100.6	30.51	7.85	23.81	3.82
110.3	110.7	30.55	7.85	23.83	2.16*
120.3	120.8	30.55	7.86	23.83	2.17*
130.3	130.9	30.63	7.86	23.89	5.80*
140.3	140.9	30.81	7.86	24.04	6.72*
150.2	150.9	30.84	7.86	24.06	2.39*
160.1	160.8	30.86	7.86	24.08	4.29
170.1	170.9	30.94	7.86	24.14	2.71
180.1	180.9	30.97	7.86	24.16	2.29*

MAX DEPTH 188.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 46.04
 DATE 1/ 3/77
 TIME (PST) 1712

TAPE CZ0/78/ 8-212
 LONG W123 1.80
 PASS NO. 19
 STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.71	7.85	23.18	4.02
2.0	2.1	29.73	7.87	23.19	5.23
5.2	5.3	29.78	7.87	23.23	6.74
10.0	10.1	29.80	7.87	23.25	4.66*
15.4	15.4	29.81	7.87	23.26	2.78
20.2	20.2	29.83	7.87	23.27	4.90
25.3	25.4	29.88	7.86	23.31	7.06*
30.2	30.3	30.01	7.85	23.41	6.38
35.2	35.4	30.16	7.83	23.53	4.25*
40.2	40.3	30.18	7.82	23.55	2.73
45.4	45.5	30.18	7.82	23.55	3.56
50.2	50.4	30.19	7.83	23.56	+
60.0	60.3	30.18	7.81	23.55	4.35*
70.2	70.5	30.17	7.82	23.54	+
80.4	80.7	30.21	7.81	23.58	5.51
90.0	90.4	30.20	7.81	23.57	+
100.2	100.6	30.38	7.83	23.70	4.76*
110.1	110.5	30.47	7.84	23.77	6.22*
120.1	120.6	30.65	7.85	23.92	7.08*
130.2	130.8	30.88	7.85	24.09	5.50
140.2	140.9	30.93	7.86	24.13	2.17*
150.1	150.8	30.93	7.86	24.13	1.25*
160.2	161.0	30.93	7.86	24.13	+
170.3	171.1	30.94	7.86	24.14	3.51*
180.1	181.0	31.00	7.86	24.18	2.43*
190.0	190.9	31.01	7.86	24.19	.52*
200.1	201.1	31.01	7.86	24.19	

MAX DEPTH 203.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 44.88
 DATE 1/ 3/77
 TIME (PST) 1727

TAPE CZ0/78/ 8-213
 LONG W123 .76
 PASS NO. 21
 STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.61	7.66	23.13	26.03
2.1	2.1	29.92	7.52	23.39	13.45
5.2	5.2	29.95	7.52	23.41	6.74*
10.2	10.3	30.08	7.55	23.50	9.53*
15.2	15.3	30.18	7.59	23.58	8.67*
20.2	20.3	30.38	7.62	23.73	7.48*
25.1	25.2	30.38	7.62	23.73	4.59*
30.2	30.3	30.37	7.62	23.73	2.39*
35.3	35.4	30.41	7.63	23.75	3.97*
40.2	40.4	30.49	7.62	23.82	5.13*
45.0	45.2	30.49	7.63	23.82	4.14*
50.3	50.5	30.52	7.63	23.84	4.73
60.3	60.6	30.65	7.62	23.94	4.30
70.0	70.3	30.71	7.62	23.99	2.60*
80.2	80.5	30.71	7.63	23.99	+
90.2	90.6	30.73	7.63	24.01	+
100.3	100.8	30.85	7.63	24.10	+

MAX DEPTH 101.1

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 43.22
 DATE 1/ 3/77
 TIME (PST) 1746

TAPE CZ0/78/ 8-214
 LONG W122 59.27
 PASS NO. 23
 STN: LINE 5-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.79	7.70	23.26	4.78*
2.3	2.3	29.79	7.70	23.26	1.76*
5.1	5.1	29.82	7.72	23.28	4.61*
10.2	10.3	29.92	7.75	23.35	4.44*
15.3	15.3	29.91	7.76	23.35	4.28*
20.1	20.2	29.97	7.78	23.39	4.94*
25.2	25.3	30.01	7.79	23.42	5.63*
30.3	30.4	30.09	7.83	23.48	8.29
35.3	35.5	30.16	7.85	23.53	6.39*
40.1	40.2	30.21	7.86	23.57	4.53*
45.1	45.3	30.21	7.86	23.57	3.77*
50.1	50.3	30.23	7.84	23.58	4.12
60.0	60.3	30.32	7.85	23.65	3.97*
70.3	70.6	30.35	7.85	23.68	2.56*
80.1	80.4	30.39	7.85	23.71	1.85*
90.0	90.4	30.40	7.85	23.71	.47*
100.2	100.6	30.40	7.85	23.71	2.07*
110.0	110.5	30.40	7.85	23.71	+
120.0	120.5	30.49	7.84	23.79	+

MAX DEPTH 122.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 42.21
 DATE 1/ 3/77
 TIME (PST) 1756

TAPE CZ0/78/ 8-215
 LONG W122 58.36
 PASS NO. 25
 STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.10	7.84	23.49	3.35*
2.0	2.0	30.11	7.84	23.49	1.29*
5.3	5.3	30.11	7.84	23.49	3.37*
10.2	10.3	30.15	7.83	23.53	3.39*
15.1	15.1	30.15	7.83	23.53	3.40*
20.2	20.3	30.19	7.83	23.56	2.63*
25.2	25.3	30.19	7.83	23.56	1.82*
30.0	30.2	30.21	7.83	23.57	2.72
35.1	35.2	30.22	7.83	23.58	+
40.0	40.2	30.25	7.82	23.60	3.95*
45.1	45.3	30.28	7.82	23.63	4.21
50.2	50.4	30.35	7.82	23.68	4.58*
60.2	60.4	30.37	7.82	23.70	3.64
70.2	70.5	30.39	7.82	23.71	+
80.3	80.6	30.41	7.83	23.73	1.97*
90.1	90.5	30.42	7.83	23.74	+
100.2	100.7	30.45	7.83	23.76	3.49
110.1	110.6	30.52	7.82	23.82	2.80*
120.2	120.7	30.53	7.82	23.82	1.20*
130.1	130.7	30.53	7.82	23.82	1.64*
140.2	140.8	30.55	7.82	23.84	1.55*
150.1	150.8	30.55	7.82	23.84	2.39*
160.2	160.9	30.59	7.83	23.87	+
170.1	170.9	30.60	7.84	23.88	+

MAX DEPTH 172.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 40.90
 DATE 2/ 3/77
 TIME (PST) 0838

TAPE CZ0/78/ 8-216
 LONG W123 14.83
 PASS NO. 27
 STN: LINE F-10

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.57	7.82	23.86	.74
2.2	2.2	30.56	7.82	23.85	1.71*
5.2	5.2	30.59	7.83	23.87	4.32
10.3	10.3	30.60	7.83	23.88	7.91
15.2	15.2	30.67	7.83	23.93	5.84*
20.3	20.4	30.70	7.84	23.95	7.33
25.3	25.4	30.81	7.85	24.04	5.86
30.1	30.2	30.80	7.85	24.03	3.27*
35.0	35.2	30.82	7.85	24.05	3.18*
40.4	40.6	30.83	7.85	24.05	3.70*
45.3	45.5	30.83	7.85	24.05	+
50.1	50.3	30.85	7.85	24.07	4.75*
60.2	60.5	30.98	7.86	24.17	9.20*
70.1	70.5	30.99	7.86	24.18	+
80.0	80.4	30.99	7.86	24.18	2.64*
90.2	90.7	31.05	7.87	24.23	3.72*
100.0	100.5	31.14	7.87	24.29	4.46*
110.1	110.6	31.23	7.88	24.36	3.40*
120.1	120.7	31.24	7.88	24.37	1.44*
130.1	130.8	31.25	7.88	24.38	1.07*
140.0	140.7	31.24	7.88	24.37	+
150.1	150.8	31.24	7.88	24.37	+
160.3	161.1	31.26	7.88	24.38	.99*
170.0	170.9	31.26	7.89	24.39	.21*
180.2	181.1	31.26	7.89	24.39	.48*
190.1	191.0	31.27	7.89	24.39	1.04*
200.0	201.0	31.27	7.89	24.39	+
210.0	211.0	31.28	7.89	24.40	2.11*
220.1	221.2	31.31	7.90	24.42	1.94*
230.1	231.3	31.30	7.90	24.41	1.06*
240.2	241.4	31.31	7.90	24.42	.82*
250.2	251.5	31.31	7.90	24.42	.91*
260.3	261.6	31.32	7.90	24.43	1.64*
270.2	271.5	31.33	7.90	24.43	1.49*
280.2	281.6	31.33	7.91	24.44	1.15*
290.0	291.5	31.34	7.91	24.45	3.89
300.2	301.7	31.41	7.91	24.50	
310.2	311.7	31.44	7.92	24.52	

MAX DEPTH 310.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 9 HAKO STRAIT 1977

LAT N48 39.37

DATE 2/ 3/77

TIME (PST) 0908

TAPE CZ0/78/ 8-217

LONG W123 14.17

PASS NO. 29

STN: LINE F-9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.49	7.81	23.79	4.29*
2.1	2.1	30.48	7.81	23.79	1.84*
5.1	5.1	30.53	7.82	23.82	4.71*
10.1	10.2	30.60	7.83	23.88	5.12*
15.1	15.2	30.63	7.83	23.90	5.54*
20.1	20.2	30.71	7.84	23.96	7.00
25.0	25.1	30.74	7.83	23.98	3.25*
30.2	30.3	30.74	7.83	23.98	1.01*
35.2	35.4	30.74	7.83	23.99	1.00*
40.2	40.4	30.74	7.83	23.98	+
45.2	45.4	30.74	7.83	23.98	.97*
50.2	50.4	30.74	7.83	23.99	.98*
60.1	60.4	30.74	7.83	23.99	+
70.1	70.5	30.75	7.83	23.99	1.03*
80.1	80.5	30.74	7.84	23.99	1.48*
90.2	90.6	30.77	7.84	24.01	3.38*
100.1	100.6	30.83	7.84	24.06	3.80*
110.0	110.5	30.82	7.84	24.05	+
120.1	120.7	30.84	7.84	24.06	2.35*
130.0	130.6	30.86	7.84	24.08	3.24*
140.3	140.9	30.93	7.85	24.13	5.09
150.2	150.9	31.00	7.85	24.19	+
160.1	160.8	31.05	7.86	24.22	3.19*
170.1	170.9	31.07	7.86	24.24	2.94*
180.1	180.9	31.14	7.87	24.29	5.33*
190.1	191.0	31.24	7.88	24.37	4.77*
200.2	201.2	31.29	7.89	24.41	+
210.0	211.1	31.31	7.89	24.42	2.12*
220.2	221.3	31.33	7.89	24.44	2.62*
230.0	231.2	31.36	7.90	24.46	2.40*
240.2	241.4	31.37	7.90	24.47	2.39*
250.1	251.3	31.38	7.91	24.48	1.07*
260.0	261.3	31.39	7.91	24.48	+

MAX DEPTH 260.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 38.07
 DATE 2/ 3/77
 TIME (PST) 0935

TAPE CZ0/78/ 8-218
 LONG W123 13.23
 PASS NO. 31

STN: LINE F-8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.27	7.79	23.62	7.52*
2.1	2.1	30.30	7.79	23.65	6.75*
5.2	5.3	30.34	7.79	23.68	5.61*
10.0	10.1	30.35	7.79	23.69	4.16*
15.1	15.2	30.42	7.80	23.74	3.09*
20.2	20.3	30.43	7.79	23.75	2.94*
25.2	25.3	30.43	7.80	23.75	3.54*
30.2	30.3	30.47	7.79	23.78	4.22
35.1	35.2	30.49	7.80	23.79	4.52
40.2	40.3	30.51	7.80	23.81	1.90*
45.2	45.4	30.52	7.81	23.81	1.55*
50.1	50.3	30.52	7.80	23.82	1.68*
60.2	60.5	30.53	7.81	23.82	+
70.2	70.5	30.53	7.81	23.83	+
80.1	80.4	30.63	7.82	23.90	3.03*
90.2	90.6	30.65	7.83	23.92	3.00*
100.1	100.5	30.80	7.84	24.03	4.18*
110.0	110.5	30.83	7.84	24.05	+
120.2	120.8	30.84	7.85	24.07	3.09*
130.0	130.6	30.94	7.85	24.14	4.12*
140.2	140.8	30.98	7.86	24.17	3.64*
150.2	150.9	31.06	7.86	24.23	+
160.0	160.8	31.06	7.86	24.24	1.46*
170.0	170.8	31.08	7.87	24.24	2.47*
180.1	180.9	31.10	7.87	24.27	6.12
190.0	190.9	31.23	7.88	24.36	3.66
200.1	201.1	31.25	7.89	24.38	+
210.2	211.3	31.25	7.89	24.38	1.60*
220.1	221.1	31.27	7.89	24.39	1.44*
230.1	231.2	31.29	7.89	24.41	1.92*
240.1	241.3	31.30	7.90	24.41	+

MAX DEPTH 242.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 9 HARO STRAIT 1977

LAT N48 36.84

DATE 2/ 3/77

TIME (PST) 0958

TAPE CZ0/78/ 8-219

LONG W123 12.70

PASS NO. 33

STN: LINE F-7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.42	7.79	23.74	88.85*
2.1	2.1	30.57	7.81	23.86	64.71*
5.2	5.2	30.56	7.81	23.85	28.49*
10.2	10.2	30.58	7.82	23.86	1.82*
15.1	15.2	30.58	7.81	23.86	2.11*
20.2	20.3	30.59	7.82	23.87	1.85*
25.0	25.1	30.60	7.82	23.88	1.16*
30.0	30.2	30.61	7.82	23.88	1.43*
35.0	35.2	30.61	7.82	23.89	2.37*
40.1	40.3	30.63	7.82	23.90	2.87*
45.1	45.3	30.64	7.83	23.91	3.01*
50.3	50.5	30.63	7.83	23.90	+
60.2	60.4	30.66	7.83	23.93	3.84*
70.1	70.4	30.74	7.84	23.98	4.89
80.1	80.5	30.84	7.83	24.07	3.30*
90.2	90.6	30.85	7.85	24.07	.57*
100.2	100.7	30.88	7.85	24.09	3.87*
110.3	110.9	30.92	7.85	24.12	2.76
120.3	120.8	30.96	7.86	24.15	3.36*
130.3	130.9	30.97	7.86	24.16	1.86*
140.3	141.0	30.98	7.86	24.17	2.40*
150.4	151.1	31.00	7.86	24.18	2.14*
160.2	160.9	30.98	7.86	24.17	+
170.2	171.0	30.98	7.86	24.17	+
180.2	181.0	31.00	7.87	24.19	+
190.2	191.1	31.05	7.87	24.22	3.01*
200.1	201.1	31.07	7.87	24.23	+
210.1	211.1	31.11	7.88	24.27	4.09*
220.0	221.1	31.26	7.89	24.39	9.00*
230.0	231.2	31.29	7.90	24.41	1.92*

MAX DEPTH 236.7

COASTAL ZONE OCEANOGR, PHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 35.32
 DATE 2/ 3/77
 TIME (PST) 1022

TAPE C20/78/ 8-220
 LONG W123 12.98
 PASS NO. 35
 STN: LINE F-6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
2.2	2.2	30.14	7.77	23.53	280.16*
2.1	2.1	30.36	7.77	23.70	120.98
5.1	5.1	30.42	7.77	23.75	128.48*
10.1	10.1	30.51	7.80	23.81	6.10
15.2	15.2	30.58	7.81	23.86	4.64
20.1	20.2	30.60	7.82	23.88	4.54*
25.1	25.2	30.62	7.82	23.89	4.06
30.2	30.3	30.68	7.83	23.94	4.26*
35.0	35.2	30.69	7.83	23.95	3.59*
40.1	40.3	30.71	7.83	23.96	3.18*
45.0	45.3	30.72	7.83	23.97	2.78*
50.1	50.3	30.74	7.83	23.99	2.51*
60.1	60.3	30.76	7.84	24.00	2.48*
70.1	70.5	30.79	7.84	24.02	2.27*
80.4	80.7	30.80	7.84	24.03	4.48
90.4	90.8	30.84	7.84	24.06	2.09*
100.3	100.8	30.84	7.84	24.06	1.17*
110.4	110.9	30.85	7.84	24.07	+
120.2	120.7	30.85	7.84	24.07	2.38*
130.4	131.0	30.91	7.85	24.11	3.25*
140.4	141.0	30.94	7.86	24.14	2.41*
150.2	150.9	30.94	7.86	24.14	1.69*
160.5	161.3	30.97	7.86	24.16	3.31*
170.1	170.9	31.03	7.86	24.21	3.68*
180.1	180.9	31.08	7.87	24.24	3.25*
190.2	191.1	31.11	7.87	24.27	4.42
200.4	201.4	31.16	7.88	24.31	3.57*
210.3	211.4	31.24	7.89	24.37	4.34*
220.1	221.2	31.26	7.89	24.38	2.15*
230.1	231.3	31.29	7.90	24.40	4.43*
240.2	241.3	31.28	7.90	24.39	+
250.0	251.3	31.29	7.90	24.41	
260.1	261.3	31.31	7.90	24.42	+

MAX DEPTH 267.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARC STRAIT 1977
 LAT N48 33.75
 DATE 2/ 3/77
 TIME (PST) 1049

TAPE CZ0/78/ 3-221
 LONG W123 12.67
 PASS NO. 37
 STN: LINE F-5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.36	7.77	23.70	2.01
2.2	2.2	30.38	7.77	23.71	2.14*
5.1	5.1	30.40	7.78	23.73	5.43
10.2	10.2	30.49	7.80	23.79	8.06
15.1	15.2	30.58	7.82	23.86	4.35
20.1	20.2	30.60	7.82	23.88	1.00*
25.3	25.4	30.60	7.83	23.88	1.51*
30.2	30.3	30.61	7.82	23.89	1.76*
35.1	35.2	30.62	7.83	23.89	1.73*
40.2	40.3	30.62	7.83	23.89	1.56*
45.0	45.2	30.63	7.83	23.90	2.18*
50.2	50.4	30.64	7.83	23.91	3.04*
60.1	60.4	30.68	7.83	23.94	2.74*
70.1	70.4	30.73	7.84	23.97	2.51*
80.4	80.7	30.77	7.84	24.01	2.00*
90.1	90.5	30.79	7.84	24.02	1.70*
100.2	100.7	30.79	7.84	24.02	2.45*
110.1	110.6	30.80	7.85	24.03	1.65*
120.1	120.6	30.83	7.85	24.05	2.01*
130.1	130.7	30.86	7.85	24.08	3.56*
140.0	140.7	30.88	7.85	24.09	4.25*
150.0	150.7	30.88	7.85	24.10	+
160.0	160.8	30.95	7.86	24.15	+
170.3	171.1	30.97	7.86	24.17	1.95*
180.2	181.1	30.99	7.86	24.17	2.32*
190.0	190.9	31.03	7.87	24.21	5.83*
200.1	201.1	31.17	7.88	24.31	3.47*
210.2	211.2	31.23	7.89	24.36	3.70*
220.2	221.3	31.23	7.89	24.36	3.58*
230.0	231.2	31.26	7.89	24.38	2.17*
240.1	241.3	31.28	7.90	24.40	3.06*

MAX DEPTH 249.3

COASTAL ZONE OCEANOGR. PHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 32.65
 DATE 2/ 3/77
 TIME (PST) 1125

TAPE CZ0/78/ 8-222
 LONG W123 11.52
 PASS NO. 39
 STN: LINE F-4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.54	7.77	23.84	.06*
2.3	2.3	30.55	7.77	23.84	.22*
5.0	5.0	30.54	7.77	23.84	.56*
10.3	10.3	30.54	7.77	23.84	1.06*
15.1	15.1	30.55	7.77	23.84	1.57*
20.1	20.2	30.56	7.78	23.85	2.49*
25.2	25.3	30.57	7.79	23.86	3.43*
30.0	30.2	30.62	7.81	23.89	2.74*
35.1	35.3	30.63	7.81	23.90	2.05*
40.2	40.3	30.63	7.81	23.90	1.75*
45.2	45.4	30.64	7.81	23.91	1.45*
50.2	50.4	30.65	7.81	23.92	1.34*
60.1	60.3	30.65	7.82	23.91	+
70.2	70.5	30.65	7.82	23.92	1.02*
80.2	80.5	30.65	7.82	23.92	1.78*
90.0	90.4	30.68	7.82	23.94	2.32*
100.1	100.6	30.70	7.83	23.96	1.74*
110.2	110.7	30.71	7.83	23.96	2.43*
120.0	120.6	30.76	7.83	24.00	3.27*
130.1	130.7	30.79	7.84	24.02	2.38*
140.2	140.8	30.81	7.84	24.04	3.91
150.2	150.9	30.89	7.85	24.10	4.65
160.1	160.8	30.92	7.85	24.13	+
170.1	170.9	30.97	7.86	24.16	3.90*
180.2	181.0	31.03	7.87	24.21	3.57
190.1	191.0	31.13	7.88	24.28	3.43*
200.1	201.1	31.16	7.88	24.30	2.69*
210.3	211.3	31.18	7.89	24.32	1.47*
220.1	221.1	31.26	7.89	24.38	7.05
230.0	231.2	31.33	7.90	24.44	4.43*
240.1	241.3	31.37	7.91	24.47	+

MAX DEPTH 242.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 31.26
 DATE 2/ 3/77
 TIME (PST) 1313

TAPE CZ0/78/ 8-223
 LONG W123 10.59
 PASS NO. 41
 STN: LINE F-3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.64	7.80	23.91	3.71*
2.3	2.3	30.65	7.80	23.92	.99*
5.2	5.2	30.67	7.80	23.94	2.09*
10.3	10.4	30.67	7.80	23.94	1.08*
15.2	15.2	30.67	7.80	23.93	.06*
20.2	20.3	30.67	7.80	23.94	1.29*
25.1	25.2	30.67	7.80	23.94	1.98*
30.2	30.3	30.69	7.81	23.95	2.02*
35.1	35.3	30.69	7.81	23.95	2.04*
40.2	40.3	30.69	7.82	23.95	1.63*
45.0	45.2	30.69	7.82	23.95	1.20*
50.1	50.3	30.73	7.82	23.98	2.37*
60.0	60.3	30.82	7.84	24.05	5.39
70.2	70.5	30.87	7.85	24.08	1.47*
80.1	80.5	30.87	7.84	24.08	.65*
90.0	90.5	30.88	7.84	24.10	1.98*
100.1	100.5	30.91	7.85	24.12	2.52*
110.3	110.8	30.94	7.85	24.14	3.26*
120.1	120.7	30.99	7.86	24.18	4.04
130.2	130.8	31.08	7.87	24.24	2.86*
140.1	140.8	31.14	7.88	24.29	3.31*
150.1	150.8	31.15	7.89	24.30	1.89*
160.1	160.8	31.18	7.89	24.32	3.40*
170.1	171.0	31.27	7.90	24.39	3.11*
180.1	181.0	31.27	7.91	24.39	2.63*
190.1	191.1	31.28	7.91	24.40	3.16*
200.1	201.0	31.29	7.91	24.41	+
210.2	211.2	31.29	7.91	24.40	+
220.1	221.2	31.36	7.92	24.46	5.55*
230.0	231.2	31.56	7.92	24.61	5.38

MAX DEPTH 235.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 30.31
 DATE 2/ 3/77
 TIME (PST) 1343

TAPE CZ0/78/ 8-224
 LONG W123 9.38
 PASS NO. 43
 STN: LINE F-2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.72	7.81	23.98	41.72*
2.2	2.2	30.73	7.80	23.98	30.18*
5.1	5.1	30.73	7.80	23.98	12.67*
10.2	10.2	30.73	7.80	23.98	.77*
15.1	15.2	30.72	7.81	23.97	1.41*
20.1	20.2	30.73	7.81	23.98	1.29*
25.1	25.2	30.73	7.81	23.98	.62*
30.1	30.3	30.74	7.81	23.99	1.54*
35.1	35.2	30.73	7.81	23.98	3.65*
40.1	40.3	30.80	7.83	24.03	3.57*
45.1	45.3	30.81	7.84	24.04	1.93*
50.1	50.3	30.81	7.84	24.04	1.18*
60.1	60.4	30.82	7.84	24.04	1.31*
70.1	70.4	30.83	7.86	24.05	1.82*
80.1	80.5	30.84	7.86	24.06	2.08*
90.1	90.5	30.87	7.86	24.08	2.47*
100.2	100.6	30.88	7.86	24.09	3.01
110.2	110.7	30.92	7.87	24.12	4.12*
120.0	120.6	30.98	7.87	24.17	2.81*
130.1	130.7	31.01	7.87	24.19	3.22*
140.0	140.7	31.10	7.88	24.26	6.06
150.2	151.0	31.26	7.90	24.38	2.87*
160.4	161.1	31.26	7.90	24.39	1.24*
170.3	171.1	31.26	7.91	24.38	1.58*
180.0	180.9	31.29	7.91	24.40	1.59*
190.1	191.1	31.29	7.91	24.41	2.72*
200.2	201.2	31.36	7.91	24.46	3.95*
210.3	211.4	31.45	7.92	24.53	3.98*
220.0	221.2	31.50	7.92	24.57	2.08*
230.1	231.3	31.52	7.92	24.59	3.54
240.1	241.3	31.55	7.92	24.61	+

MAX DEPTH 247.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 27.36
 DATE 3/ 3/77
 TIME (PST) 0830

TAPE CZ0/78/ 8-225
 LONG W123 15.61
 PASS NO. 45
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.35	7.68	23.70	8.78*
2.1	2.1	30.35	7.68	23.70	2.68*
5.2	5.2	30.42	7.73	23.75	6.81*
10.1	10.1	30.55	7.79	23.85	4.85*
15.1	15.2	30.57	7.79	23.86	2.88*
20.0	20.1	30.60	7.79	23.88	4.42
25.1	25.3	30.62	7.80	23.90	5.25*
30.2	30.3	30.70	7.81	23.95	5.22*
35.2	35.3	30.76	7.82	24.00	+
40.0	40.2	30.80	7.82	24.04	+

MAX DEPTH 40.1

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 27.78
 DATE 3/ 3/77
 TIME (PST) 0839

TAPE CZ0/78/ 8-226
 LONG W123 14.72
 PASS NO. 47
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.41	7.67	23.75	+
2.1	2.1	30.44	7.72	23.77	1.82*
5.1	5.1	30.45	7.71	23.78	4.50
10.2	10.2	30.54	7.78	23.83	10.18
15.3	15.4	30.62	7.80	23.90	5.02*
20.3	20.4	30.62	7.80	23.90	3.98
25.3	25.4	30.68	7.80	23.94	6.55
30.3	30.5	30.73	7.81	23.98	6.27*
35.1	35.2	30.81	7.82	24.04	7.24

MAX DEPTH 39.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.02
 DATE 3/ 3/77
 TIME (PST) 0849

TAPE CZ0/78/ 8-227
 LONG W123 13.86
 PASS NO. 49
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.35	7.66	23.70	31.43
2.2	2.2	30.36	7.65	23.71	17.13
5.3	5.3	30.48	7.76	23.79	6.72
10.0	10.1	30.55	7.77	23.84	5.09*
15.3	15.3	30.59	7.78	23.87	4.61*
20.0	20.1	30.61	7.78	23.89	4.50*
25.1	25.2	30.66	7.78	23.93	4.52
30.2	30.3	30.73	7.79	23.98	6.27*
35.0	35.2	30.73	7.79	23.98	2.79*
40.1	40.2	30.76	7.81	24.01	1.80*
45.0	45.2	30.76	7.81	24.01	.83*
50.1	50.3	30.76	7.80	24.01	1.06*

MAX DEPTH 50.7

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.25
 DATE 3/ 3/77
 TIME (PST) 0856

TAPE CZ0/78/ 8-228
 LONG W123 13.23
 PASS NO. 51
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.58	7.79	23.86	1.62*
2.1	2.1	30.56	7.79	23.85	.61*
5.3	5.3	30.53	7.79	23.83	1.59*
10.2	10.3	30.58	7.79	23.86	1.55*
15.1	15.2	30.57	7.79	23.86	1.52*
20.1	20.2	30.60	7.79	23.88	4.31
25.1	25.2	30.63	7.79	23.90	4.90*
30.1	30.3	30.68	7.80	23.94	4.35*
35.2	35.4	30.75	7.81	23.99	3.43*
40.0	40.2	30.76	7.82	24.00	2.36*
45.1	45.3	30.77	7.82	24.01	1.15*
50.3	50.6	30.77	7.82	24.01	.54*
60.2	60.5	30.78	7.83	24.01	.45*
70.1	70.4	30.78	7.83	24.02	.95*
80.3	80.7	30.78	7.83	24.02	1.43*
90.2	90.6	30.79	7.83	24.03	2.14*

MAX DEPTH 94.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.48
 DATE 3/ 3/77
 TIME (PST) 0915

TAPE CZ0/78/ 8-229
 LONG W123 12.43
 PASS NO. 53
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.63	7.80	23.90	2.89*
2.2	2.2	30.63	7.80	23.91	1.20*
5.2	5.2	30.64	7.80	23.91	3.02*
10.0	10.1	30.66	7.80	23.93	3.15*
15.2	15.3	30.67	7.80	23.94	3.28*
20.2	20.2	30.70	7.80	23.96	3.26*
25.1	25.2	30.72	7.81	23.98	3.24*
30.3	30.4	30.74	7.82	23.99	2.44*
35.1	35.3	30.74	7.82	23.99	1.59*
40.2	40.4	30.74	7.82	23.99	1.56*
45.2	45.4	30.75	7.82	23.99	1.57*
50.3	50.5	30.75	7.82	24.00	1.32*
60.2	60.4	30.75	7.82	24.00	1.70*
70.1	70.4	30.79	7.83	24.02	2.54*
80.2	80.6	30.82	7.84	24.04	2.46*
90.1	90.5	30.84	7.84	24.06	1.88*
100.0	100.5	30.83	7.84	24.06	+
110.1	110.6	30.84	7.85	24.06	1.49*
120.1	120.7	30.86	7.85	24.07	1.04*
130.1	130.7	30.86	7.85	24.08	3.22*

MAX DEPTH 132.2

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.74
 DATE 3/ 3/77
 TIME (PST) 0925

TAPE CZ0/78/ 8-230
 LONG W123 11.86
 PASS NO. 55
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.70	7.81	23.96	3.49*
2.3	2.4	30.71	7.80	23.96	1.02*
5.3	5.3	30.72	7.80	23.98	2.74*
10.3	10.4	30.72	7.80	23.98	1.98*
15.2	15.3	30.73	7.81	23.98	1.23*
20.3	20.4	30.73	7.81	23.98	1.17*
25.1	25.2	30.73	7.81	23.98	1.17*
30.3	30.4	30.73	7.80	23.98	+
35.3	35.4	30.73	7.81	23.98	1.16*
40.3	40.5	30.74	7.81	23.99	2.44*
45.1	45.3	30.78	7.82	24.02	3.80*
50.3	50.5	30.80	7.83	24.04	3.52*
60.1	60.4	30.84	7.84	24.06	6.88
70.1	70.5	30.87	7.85	24.08	+
80.3	80.7	30.88	7.85	24.10	1.08*
90.1	90.6	30.88	7.85	24.10	1.23*
100.3	100.7	30.89	7.85	24.10	4.35
110.2	110.7	30.95	7.86	24.14	4.45*

MAX DEPTH 117.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.95
 DATE 3/ 3/77
 TIME (PST) 0934

TAPE CZ0/78/ 8-231
 LONG W123 11.04
 PASS NO. 57
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.75	7.86	23.99	2.27*
2.1	2.1	30.75	7.82	24.00	.21*
5.1	5.1	30.75	7.82	24.00	2.05*
10.2	10.2	30.75	7.82	24.00	+
15.3	15.4	30.77	7.82	24.01	1.61*
20.1	20.2	30.77	7.82	24.01	1.40*
25.2	25.3	30.77	7.82	24.01	1.18*
30.3	30.4	30.77	7.82	24.01	1.05*
35.1	35.2	30.77	7.82	24.01	+
40.0	40.2	30.77	7.83	24.01	.80*
45.3	45.5	30.78	7.83	24.02	.68*
50.1	50.3	30.78	7.83	24.01	1.78
60.1	60.3	30.78	7.83	24.02	+
70.2	70.5	30.80	7.83	24.03	1.58*
80.1	80.5	30.81	7.83	24.04	2.17*
90.2	90.6	30.85	7.84	24.07	3.03*
100.3	100.7	30.88	7.85	24.09	3.23*
110.1	110.6	30.98	7.86	24.17	6.42
120.1	120.7	31.05	7.88	24.22	3.77*
130.2	130.8	31.11	7.88	24.27	2.86*
140.2	140.9	31.12	7.88	24.27	1.45*
150.2	150.9	31.13	7.88	24.28	2.02*
160.1	160.9	31.15	7.89	24.29	.65*
170.2	171.0	31.14	7.89	24.29	1.20*
180.2	181.1	31.15	7.89	24.30	+
190.3	191.3	31.15	7.89	24.30	+
200.3	201.2	31.15	7.89	24.29	3.95*
210.3	211.3	31.17	7.89	24.32	+

MAX DEPTH 212.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 29.24
 DATE 3/ 3/77
 TIME (PST) 0947

TAPE CZ0/78/ 8-232
 LONG W123 10.40
 PASS NO. 59
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.76	7.85	24.00	1.08*
2.1	2.1	30.76	7.84	24.00	.43*
5.2	5.2	30.77	7.84	24.01	1.12*
10.2	10.2	30.76	7.84	24.00	1.17*
15.2	15.2	30.77	7.84	24.01	1.21*
20.4	20.5	30.78	7.84	24.02	1.46*
25.0	25.2	30.77	7.84	24.01	1.73*
30.0	30.2	30.78	7.84	24.02	1.35*
35.1	35.3	30.78	7.84	24.02	.97*
40.3	40.5	30.78	7.83	24.02	1.17*
45.1	45.3	30.78	7.83	24.02	1.41*
50.2	50.5	30.79	7.84	24.02	2.06*
60.1	60.4	30.82	7.85	24.05	2.35*
70.1	70.5	30.84	7.85	24.06	2.90*
80.1	80.5	30.93	7.86	24.13	7.53
90.2	90.6	31.05	7.88	24.22	4.95*
100.3	100.7	31.09	7.89	24.25	1.04*
110.1	110.6	31.10	7.89	24.26	2.12
120.0	120.6	31.14	7.89	24.29	2.11*
130.1	130.7	31.15	7.89	24.30	1.18*
140.1	140.8	31.16	7.89	24.30	+
150.2	151.0	31.15	7.89	24.30	+
160.1	160.9	31.17	7.89	24.31	+
170.2	171.0	31.17	7.89	24.32	1.49*
180.3	181.1	31.19	7.90	24.33	+
190.0	191.0	31.23	7.90	24.36	+
200.1	201.1	31.25	7.90	24.37	1.06*

MAX DEPTH 207.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 29.46
 DATE 3/ 3/77
 TIME (PST) 0959

TAPE CZ0/78/ 8-233
 LONG W123 9.50
 PASS NO. 61
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.72	7.83	23.97	.15
2.1	2.1	30.73	7.83	23.98	.58*
5.2	5.3	30.73	7.83	23.98	1.46
10.3	10.4	30.73	7.82	23.98	2.77
15.4	15.5	30.73	7.81	23.98	+
20.3	20.4	30.73	7.81	23.98	5.40
25.2	25.3	30.73	7.81	23.98	2.80*
30.2	30.3	30.73	7.81	23.98	1.18*
35.3	35.4	30.73	7.81	23.98	1.42*
40.1	40.3	30.73	7.81	23.98	+
45.2	45.4	30.74	7.81	23.99	1.90*
50.2	50.4	30.75	7.81	24.00	4.45
60.1	60.3	30.80	7.83	24.03	+
70.3	70.6	30.82	7.84	24.05	.98*
80.1	80.5	30.82	7.84	24.04	1.07*
90.3	90.7	30.83	7.84	24.05	1.54*
100.3	100.7	30.85	7.85	24.07	2.91*
110.1	110.6	30.92	7.86	24.12	4.91
120.2	120.8	30.98	7.88	24.17	3.90*
130.3	130.9	31.13	7.89	24.28	3.96*
140.2	140.9	31.16	7.90	24.31	1.98*
150.2	150.9	31.18	7.90	24.32	1.11*
160.2	161.0	31.18	7.90	24.32	1.04*
170.1	170.9	31.19	7.91	24.32	1.34*
180.1	181.0	31.20	7.91	24.33	+
190.1	191.1	31.22	7.91	24.35	+
200.1	201.1	31.23	7.91	24.36	1.62*
210.1	211.1	31.23	7.91	24.36	2.13*
220.3	221.3	31.27	7.91	24.39	2.32*
230.2	231.4	31.28	7.91	24.40	1.65*
240.1	241.3	31.29	7.91	24.40	2.11*
250.0	251.3	31.32	7.91	24.43	4.55
260.1	261.4	31.35	7.92	24.45	2.37*
270.2	271.6	31.39	7.92	24.48	2.72*
280.1	281.5	31.40	7.92	24.49	1.90*
290.0	291.5	31.48	7.92	24.55	

MAX DEPTH 292.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 29.75
 DATE 3/ 3/77
 TIME (PST) 1022

TAPE CZ0/78/ 8-234
 LONG W123 8.86
 PASS NO. 63
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.66	7.80	23.93	3.94
2.4	2.4	30.66	7.80	23.93	2.41*
5.1	5.2	30.73	7.80	23.99	6.06
10.1	10.1	30.78	7.82	24.02	8.19
15.1	15.2	30.84	7.84	24.06	6.97*
20.3	20.4	30.83	7.84	24.06	+
25.2	25.3	30.83	7.84	24.06	2.65*
30.2	30.3	30.83	7.84	24.06	2.83
35.3	35.4	30.87	7.85	24.08	5.02
40.2	40.4	30.87	7.84	24.09	+
45.2	45.4	30.88	7.85	24.09	7.53*
50.1	50.3	30.92	7.86	24.12	5.01*
60.1	60.4	31.01	7.87	24.19	2.41*
70.2	70.6	31.04	7.88	24.22	2.88*
80.3	80.7	31.07	7.88	24.24	3.07
90.1	90.6	31.10	7.88	24.26	2.67*
100.0	100.5	31.12	7.88	24.27	2.35*
110.1	110.6	31.14	7.88	24.29	2.40*
120.1	120.7	31.15	7.89	24.30	1.11*
130.3	130.9	31.15	7.89	24.30	1.86*
140.1	140.8	31.26	7.90	24.38	4.21
150.1	150.9	31.24	7.90	24.37	+
160.3	161.1	31.29	7.90	24.41	+
170.2	171.0	31.28	7.90	24.40	+
180.2	181.1	31.29	7.91	24.41	1.73*
190.0	190.9	31.30	7.91	24.41	+
200.0	201.0	31.29	7.91	24.40	1.50*
210.1	211.2	31.28	7.91	24.40	3.78*
220.1	221.2	31.33	7.91	24.43	+
230.1	231.2	31.32	7.91	24.43	1.00*
240.0	241.2	31.33	7.91	24.44	.83*
250.0	251.3	31.34	7.91	24.44	1.91*
260.2	261.5	31.37	7.92	24.47	4.07
270.1	271.5	31.39	7.92	24.48	3.26*
280.1	281.5	31.43	7.92	24.51	4.34*
290.1	291.5	31.47	7.92	24.54	7.03*
300.1	301.6	31.56	7.93	24.62	

MAX DEPTH 304.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 27.36
 DATE 3/ 3/77
 TIME (PST) 1123

TAPE CZ0/78/ 8-235
 LONG W123 15.61
 PASS NO. 65
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.33	7.81	23.67	3.74*
2.2	2.2	30.31	7.76	23.66	5.94*
5.3	5.3	30.38	7.77	23.71	9.23*
10.1	10.2	30.70	7.77	23.96	8.40*
15.1	15.1	30.70	7.77	23.96	3.20*
20.1	20.2	30.70	7.77	23.96	1.01*
25.0	25.1	30.70	7.77	23.97	.84*
30.2	30.4	30.70	7.78	23.97	1.35*
35.0	35.2	30.70	7.78	23.97	

MAX DEPTH 38.2

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 27.78
 DATE 3/ 3/77
 TIME (PST) 1133

TAPE CZ0/78/ 8-236
 LONG W123 14.72
 PASS NO. 67
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.41	7.94	23.71	8.80*
2.0	2.0	30.42	7.89	23.73	2.82*
5.3	5.3	30.53	7.81	23.82	7.45*
10.2	10.3	30.55	7.79	23.84	6.09*
15.0	15.1	30.55	7.79	23.84	+
20.0	20.1	30.55	7.78	23.84	3.37*
25.4	25.5	30.55	7.79	23.84	2.01*
30.2	30.4	30.56	7.78	23.85	1.35*
35.1	35.3	30.57	7.78	23.86	

MAX DEPTH 39.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.02
 DATE 3/ 3/77
 TIME (PST) 1141

TAPE CZ0/78/ 8-237
 LONG W123 13.86
 PASS NO. 69
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.60	7.83	23.88	2.13*
2.0	2.1	30.59	7.80	23.88	.69*
5.1	5.2	30.60	7.79	23.88	1.80*
10.2	10.2	30.60	7.79	23.88	1.46*
15.3	15.3	30.60	7.79	23.88	1.13*
20.2	20.2	30.60	7.79	23.89	2.49*
25.1	25.2	30.61	7.79	23.89	3.90*
30.2	30.4	30.66	7.80	23.93	3.77*
35.2	35.4	30.69	7.80	23.95	3.57*
40.2	40.4	30.73	7.81	23.98	3.12*
45.1	45.3	30.75	7.81	24.00	2.67*
50.3	50.6	30.76	7.81	24.00	2.55*

MAX DEPTH 50.9

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.25
 DATE 3/ 3/77
 TIME (PST) 1147

TAPE CZ0/78/ 8-238
 LONG W123 13.23
 PASS NO. 71
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.60	7.87	23.87	.73*
2.1	2.1	30.61	7.87	23.88	.58*
5.1	5.1	30.61	7.85	23.88	1.49*
10.3	10.4	30.61	7.84	23.88	2.26*
15.2	15.3	30.62	7.84	23.89	3.03*
20.1	20.2	30.63	7.79	23.91	3.82
25.2	25.3	30.65	7.78	23.92	3.13*
30.2	30.3	30.67	7.78	23.93	2.93*
35.1	35.2	30.68	7.79	23.94	3.51*
40.2	40.4	30.71	7.80	23.97	3.22*
45.2	45.4	30.73	7.80	23.98	2.30*
50.1	50.3	30.73	7.80	23.98	1.87*
60.1	60.4	30.75	7.80	23.99	1.70*
70.1	70.4	30.75	7.80	24.00	1.35*
80.1	80.4	30.76	7.81	24.00	.96*
90.1	90.5	30.76	7.81	24.00	.78*
100.0	100.5	30.77	7.81	24.01	+

MAX DEPTH 101.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.48
 DATE 3/ 3/77
 TIME (PST) 1157

TAPE CZ0/78/ 8-239
 LONG W123 12.43
 PASS NO. 73
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.68	7.84	23.94	2.22*
2.2	2.2	30.67	7.85	23.93	.81*
5.2	5.2	30.68	7.85	23.93	2.11*
10.2	10.3	30.70	7.79	23.96	2.01*
15.1	15.2	30.71	7.79	23.97	1.91*
20.3	20.4	30.72	7.79	23.97	1.92*
25.3	25.4	30.73	7.79	23.98	1.95*
30.1	30.3	30.73	7.80	23.98	2.11*
35.1	35.3	30.77	7.80	24.01	2.28*
40.2	40.4	30.77	7.80	24.01	2.43*
45.3	45.5	30.78	7.81	24.02	2.58*
50.1	50.3	30.80	7.81	24.03	2.32*
60.3	60.6	30.81	7.81	24.05	2.39*
70.3	70.6	30.84	7.82	24.06	2.11*
80.1	80.4	30.85	7.82	24.07	1.65*
90.0	90.5	30.86	7.83	24.08	1.97*
100.1	100.6	30.88	7.83	24.10	2.00*
110.0	110.5	30.90	7.83	24.11	1.90*
120.1	120.6	30.91	7.83	24.12	2.60*
130.1	130.7	30.95	7.84	24.15	2.21*

MAX DEPTH 130.0

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.74
 DATE 3/ 3/77
 TIME (PST) 1209

TAPE CZ0/78/ 8-240
 LONG W123 11.86
 PASS NO. 75
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.67	7.85	23.92	+
2.0	2.0	30.67	7.85	23.92	1.12*
5.2	5.2	30.67	7.85	23.92	2.80
10.0	10.1	30.69	7.84	23.94	6.87
15.2	15.2	30.72	7.82	23.97	3.95*
20.0	20.1	30.73	7.82	23.98	1.83*
25.2	25.3	30.73	7.82	23.98	1.91*
30.1	30.2	30.74	7.81	23.99	2.09*
35.0	35.2	30.74	7.81	23.99	2.35*
40.2	40.4	30.74	7.82	23.98	+
45.0	45.2	30.73	7.82	23.98	+
50.1	50.4	30.76	7.81	24.00	2.74*
60.4	60.6	30.77	7.80	24.02	2.09*
70.1	70.4	30.79	7.81	24.03	2.74*
80.0	80.4	30.85	7.82	24.08	3.16*
90.1	90.5	30.86	7.82	24.08	1.51*
100.0	100.5	30.90	7.83	24.11	3.43*
110.1	110.6	30.92	7.84	24.13	2.55*
120.1	120.7	30.97	7.85	24.16	+

MAX DEPTH 121.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 28.95
 DATE 3/ 3/77
 TIME (PST) 1220

TAPE CZ0/78/ 8-241
 LONG W123 11.04
 PASS NO. 77
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.68	7.86	23.93	3.27
2.1	2.1	30.68	7.86	23.93	1.62*
5.3	5.3	30.71	7.82	23.96	4.12
10.1	10.2	30.74	7.81	23.99	4.96
15.2	15.2	30.77	7.82	24.01	2.75*
20.1	20.2	30.77	7.81	24.01	1.47*
25.2	25.3	30.77	7.81	24.02	1.35*
30.1	30.3	30.78	7.81	24.02	1.25*
35.3	35.4	30.78	7.81	24.02	1.18*
40.3	40.5	30.78	7.81	24.02	1.24*
45.1	45.3	30.79	7.81	24.03	1.41*
50.1	50.3	30.79	7.81	24.03	1.41*
60.1	60.4	30.80	7.82	24.03	1.30*
70.1	70.4	30.82	7.82	24.05	1.76*
80.2	80.6	30.84	7.83	24.06	2.31*
90.2	90.6	30.85	7.83	24.07	3.13
100.1	100.6	30.86	7.83	24.08	1.74*
110.2	110.7	30.88	7.84	24.10	1.61*
120.0	120.6	30.90	7.84	24.11	2.01
130.3	130.9	30.92	7.84	24.13	1.40*
140.2	140.9	30.94	7.84	24.14	1.86*
150.3	151.0	30.98	7.85	24.17	4.30*
160.3	161.1	31.01	7.86	24.19	4.14*
170.1	170.9	31.10	7.87	24.26	4.27*
180.3	181.2	31.15	7.88	24.30	2.32*
190.1	191.1	31.16	7.88	24.31	1.83*
200.1	201.1	31.17	7.88	24.31	

MAX DEPTH 203.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 29.24
 DATE 3/ 3/77
 TIME (PST) 1233

TAPE CZ0/78/ 8-242
 LONG W123 10.40
 PASS NO. 79
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.69	7.84	23.94	2.55*
2.2	2.2	30.69	7.84	23.94	.73*
5.4	5.4	30.69	7.82	23.95	1.95*
10.3	10.3	30.69	7.82	23.95	1.34*
15.0	15.1	30.69	7.82	23.95	.73*
20.2	20.3	30.70	7.82	23.95	2.28*
25.3	25.4	30.71	7.82	23.96	3.91*
30.1	30.2	30.74	7.82	23.99	3.72*
35.1	35.3	30.75	7.82	24.00	3.50*
40.0	40.2	30.78	7.82	24.02	3.16*
45.0	45.2	30.79	7.83	24.03	2.81*
50.1	50.3	30.81	7.83	24.04	2.75*
60.1	60.4	30.86	7.84	24.08	1.84*
70.0	70.4	30.87	7.84	24.09	2.17*
80.2	80.6	30.91	7.84	24.12	2.83*
90.3	90.7	30.93	7.84	24.13	3.73
100.2	100.7	30.96	7.84	24.16	3.71*
110.1	110.7	31.05	7.86	24.22	4.45
120.0	120.6	31.10	7.86	24.26	1.89*
130.1	130.7	31.10	7.87	24.26	+
140.1	140.8	31.10	7.87	24.26	1.82*
150.1	150.8	31.12	7.87	24.28	+
160.1	160.9	31.12	7.87	24.28	.90*
170.1	170.9	31.14	7.87	24.29	3.57*
180.2	181.1	31.19	7.89	24.33	2.93*
190.2	191.2	31.22	7.89	24.35	3.05
200.0	201.0	31.29	7.90	24.41	

MAX DEPTH 200.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 29.46
 DATE 3/ 3/77
 TIME (PST) 1307

TAPE C20/78/ 8-243
 LONG W123 9.50
 PASS NO. 81
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.67	7.88	23.92	3.62
2.0	2.1	30.69	7.84	23.94	4.36
5.3	5.3	30.70	7.83	23.95	5.88
10.0	10.1	30.73	7.82	23.98	4.59*
15.2	15.2	30.73	7.81	23.98	+
20.2	20.3	30.72	7.81	23.98	2.10*
25.1	25.2	30.73	7.82	23.98	1.49*
30.2	30.3	30.72	7.82	23.97	2.18*
35.1	35.2	30.75	7.82	23.99	2.78*
40.3	40.5	30.75	7.82	23.99	3.23*
45.1	45.3	30.78	7.83	24.02	3.22*
50.2	50.5	30.79	7.83	24.03	2.40*
60.2	60.5	30.81	7.83	24.04	1.54*
70.2	70.5	30.82	7.84	24.04	2.43*
80.2	80.6	30.86	7.84	24.08	4.06*
90.2	90.6	30.98	7.85	24.17	4.86*
100.2	100.7	31.03	7.86	24.21	2.94*
110.2	110.7	31.06	7.86	24.23	2.16*
120.2	120.7	31.07	7.86	24.24	2.92*
130.2	130.8	31.11	7.87	24.27	4.42
140.0	140.7	31.16	7.88	24.30	3.14*
150.1	150.8	31.18	7.89	24.32	2.26*
160.0	160.8	31.18	7.89	24.32	+
170.3	171.1	31.18	7.89	24.32	3.79
180.1	181.0	31.22	7.89	24.35	2.51*
190.2	191.1	31.23	7.90	24.36	1.60*
200.2	201.2	31.23	7.89	24.36	+
210.2	211.2	31.25	7.90	24.38	3.00*
220.2	221.3	31.29	7.90	24.40	2.75*
230.2	231.3	31.30	7.90	24.41	5.00*
240.1	241.3	31.29	7.90	24.41	+
250.1	251.3	31.30	7.90	24.42	2.30*
260.0	261.3	31.31	7.91	24.42	5.63
270.2	271.6	31.32	7.91	24.43	+
280.1	281.5	31.52	7.91	24.58	8.08*

MAX DEPTH 288.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 29.75
 DATE 3/ 3/77
 TIME (PST) 1322

TAPE CZ0/78/ 8-244
 LONG W123 8.86
 PASS NO. 83
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.74	7.86	23.98	54.62
2.1	2.1	30.74	7.85	23.98	23.17
5.0	5.1	30.75	7.84	24.00	4.93
10.1	10.1	30.83	7.83	24.05	4.43*
15.1	15.2	30.83	7.83	24.06	1.42*
20.1	20.2	30.83	7.83	24.06	1.34*
25.2	25.3	30.82	7.83	24.05	+
30.1	30.2	30.83	7.84	24.06	1.18*
35.2	35.4	30.83	7.83	24.06	+
40.1	40.3	30.83	7.83	24.06	1.02*
45.1	45.3	30.84	7.84	24.06	.99*
50.2	50.4	30.84	7.84	24.06	1.02*
60.3	60.5	30.83	7.84	24.05	+
70.1	70.4	30.83	7.84	24.05	.75*
80.4	80.8	30.83	7.84	24.05	.56*
90.1	90.5	30.83	7.84	24.06	+
100.3	100.7	30.83	7.84	24.05	2.23*
110.1	110.6	30.84	7.84	24.06	5.21*
120.1	120.7	30.98	7.86	24.17	3.86*
130.1	130.7	31.02	7.86	24.20	2.74*
140.1	140.8	31.08	7.87	24.25	4.70*
150.2	150.9	31.07	7.88	24.24	+
160.2	160.9	31.07	7.88	24.23	+
170.1	170.9	31.07	7.88	24.24	.49*
180.1	181.0	31.07	7.88	24.23	+
190.1	191.1	31.07	7.88	24.24	.70*
200.2	201.2	31.08	7.88	24.24	1.75*
210.1	211.1	31.12	7.89	24.27	9.17
220.0	221.1	31.26	7.90	24.38	3.55
230.0	231.2	31.28	7.90	24.39	+
240.0	241.2	31.32	7.91	24.43	6.03*
250.1	251.4	31.33	7.91	24.44	3.79
260.4	261.7	31.51	7.93	24.57	6.72
270.3	271.7	31.58	7.92	24.63	+
280.4	281.8	31.60	7.93	24.65	2.70*
290.1	291.6	31.61	7.93	24.65	2.21
300.1	301.6	31.65	7.93	24.68	5.27*
310.2	311.8	31.75	7.93	24.76	2.43*

MAX DEPTH 317.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 27.36
 DATE 3/ 3/77
 TIME (PST) 1404

TAPE CZ0/78/ 8-245
 LONG W123 15.61
 PASS NO. 85
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.36	8.02	23.66	6.98*
2.0	2.0	30.37	7.96	23.68	2.39*
5.1	5.1	30.42	7.95	23.72	6.10*
10.1	10.1	30.49	7.93	23.78	5.22*
15.2	15.2	30.53	7.83	23.82	4.54*
20.1	20.2	30.54	7.79	23.84	4.15*
25.1	25.2	30.54	7.79	23.84	3.96*
30.1	30.3	30.60	7.80	23.88	1.18*
35.2	35.4	30.62	7.80	23.89	+

MAX DEPTH 37.8

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 27.78
 DATE 3/ 3/77
 TIME (PST) 1414

TAPE CZ0/78/ 8-246
 LONG W123 14.72
 PASS NO. 87
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.55	7.88	23.83	4.04*
2.0	2.1	30.55	7.86	23.83	1.51*
5.3	5.3	30.57	7.79	23.86	3.87*
10.1	10.2	30.59	7.78	23.87	3.70*
15.4	15.4	30.62	7.78	23.90	3.54*
20.2	20.3	30.65	7.78	23.92	2.29*
25.0	25.1	30.64	7.79	23.92	1.00*
30.0	30.2	30.65	7.79	23.92	1.18*
35.1	35.2	30.64	7.79	23.91	+

MAX DEPTH 39.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.02
 DATE 3/ 3/77
 TIME (PST) 1422

TAPE CZ0/78/ 8-247
 LONG W123 13.86
 PASS NO. 89
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.39	7.97	23.69	8.03*
2.1	2.1	30.50	7.97	23.78	6.62*
5.3	5.3	30.54	7.95	23.81	4.52*
10.2	10.3	30.54	7.94	23.82	2.86*
15.1	15.2	30.56	7.88	23.84	2.65*
20.2	20.3	30.57	7.86	23.85	2.50*
25.2	25.3	30.57	7.87	23.85	1.84*
30.1	30.3	30.57	7.87	23.84	3.35
35.3	35.4	30.59	7.81	23.87	4.08
40.2	40.4	30.61	7.81	23.89	3.47*
45.1	45.3	30.63	7.80	23.91	2.05*
50.1	50.3	30.62	7.81	23.89	+
MAX DEPTH	55.6				

CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 28.25
 DATE 3/ 3/77
 TIME (PST) 1431

TAPE CZ0/78/ 8-248
 LONG W123 13.23
 PASS NO. 91
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.63	7.90	23.89	+
2.0	2.0	30.63	7.91	23.89	.16*
5.0	5.0	30.58	7.90	23.85	.34*
10.1	10.1	30.63	7.80	23.91	+
15.1	15.1	30.63	7.79	23.91	1.21*
20.1	20.2	30.64	7.79	23.91	1.65*
25.3	25.4	30.64	7.80	23.91	2.08*
30.3	30.5	30.64	7.80	23.91	+
35.2	35.4	30.64	7.80	23.91	+
40.2	40.3	30.64	7.80	23.91	3.39*
45.2	45.4	30.65	7.80	23.92	3.63*
50.3	50.5	30.68	7.81	23.94	5.31
60.0	60.3	30.74	7.81	23.99	3.16*
70.3	70.6	30.77	7.81	24.01	1.90*
80.1	80.5	30.76	7.81	24.01	1.93*
90.0	90.4	30.79	7.81	24.03	+
MAX DEPTH	96.5				

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 28.48
 DATE 3/ 3/77
 TIME (PST) 1441

TAPE CZ0/78/ 8-249
 LONG W123 12.43
 PASS NO. 93
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.72	7.86	23.97	2.21*
2.1	2.1	30.71	7.84	23.96	.66*
5.3	5.3	30.72	7.83	23.97	1.74*
10.2	10.2	30.72	7.82	23.97	1.27*
15.1	15.1	30.72	7.81	23.97	.80*
20.2	20.3	30.73	7.81	23.98	.90*
25.2	25.3	30.73	7.81	23.98	+
30.1	30.2	30.72	7.80	23.97	+
35.0	35.2	30.72	7.80	23.98	1.28*
40.1	40.3	30.72	7.80	23.98	+
45.1	45.3	30.73	7.80	23.99	2.66*
50.1	50.3	30.75	7.80	23.99	1.00*
60.3	60.6	30.75	7.80	24.00	1.12*
70.3	70.6	30.77	7.81	24.01	2.41*
80.0	80.4	30.81	7.81	24.04	2.00*
90.4	90.8	30.81	7.81	24.04	+
100.0	100.5	30.83	7.82	24.06	2.21*
110.1	110.6	30.87	7.82	24.08	5.86
120.2	120.8	30.99	7.85	24.18	4.63*
130.0	130.6	31.01	7.85	24.19	2.37

MAX DEPTH 137.0

CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 28.74
 DATE 3/ 3/77
 TIME (PST) 1451

TAPE CZ0/78/ 8-250
 LONG W123 11.86
 PASS NO. 95
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.74	7.90	23.98	2.66*
2.0	2.1	30.75	7.88	23.99	.31*
5.2	5.3	30.75	7.87	23.99	+
10.1	10.1	30.75	7.87	23.99	1.54*
15.2	15.2	30.76	7.86	24.00	2.34*
20.2	20.2	30.77	7.85	24.01	2.23*
25.2	25.3	30.76	7.85	24.00	+
30.1	30.3	30.76	7.85	24.00	2.02*
35.0	35.2	30.77	7.84	24.01	1.91*
40.2	40.4	30.77	7.84	24.01	+
45.2	45.4	30.77	7.84	24.01	2.83*
50.1	50.4	30.79	7.83	24.03	2.45*
60.1	60.4	30.81	7.83	24.04	1.88*
70.3	70.6	30.81	7.83	24.04	2.38*
80.2	80.6	30.84	7.82	24.06	4.04*
90.2	90.6	30.92	7.83	24.13	+
100.1	100.6	30.94	7.84	24.14	1.25*
110.1	110.6	30.95	7.84	24.15	3.34*
120.1	120.7	31.04	7.86	24.21	4.63*

MAX DEPTH 122.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 28.95
 DATE 3/ 3/77
 TIME (PST) 1501

TAPE CZ0/78/ 8-251
 LONG W123 11.04
 PASS NO. 97
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.78	7.89	24.01	2.08*
2.1	2.1	30.78	7.88	24.01	.79*
5.0	5.0	30.78	7.86	24.01	2.06*
10.2	10.3	30.79	7.85	24.02	2.05*
15.2	15.2	30.79	7.85	24.02	+
20.1	20.2	30.79	7.85	24.02	2.02*
25.2	25.3	30.79	7.85	24.03	2.01*
30.3	30.5	30.79	7.85	24.03	1.94*
35.2	35.3	30.79	7.85	24.02	1.87*
40.1	40.3	30.81	7.85	24.04	1.58*
45.3	45.5	30.81	7.85	24.04	1.30*
50.1	50.3	30.82	7.85	24.04	1.18*
60.1	60.4	30.81	7.85	24.04	1.18*
70.2	70.5	30.82	7.85	24.05	1.41*
80.2	80.5	30.83	7.85	24.05	1.76*
90.1	90.5	30.85	7.84	24.07	2.13*
100.1	100.6	30.85	7.85	24.07	+
110.1	110.6	30.88	7.84	24.09	2.77*
120.2	120.7	30.91	7.84	24.12	3.28*
130.1	130.7	30.95	7.85	24.15	4.02*
140.0	140.7	31.02	7.86	24.20	3.83*
150.1	150.8	31.06	7.86	24.23	3.73
160.2	160.9	31.05	7.86	24.22	+
172.4	173.2	31.17	7.80	24.32	+
180.3	181.2	31.10	7.87	24.26	+
190.2	191.1	31.10	7.87	24.26	+
200.2	201.1	31.10	7.87	24.26	+

MAX DEPTH 202.4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 9 HAKO STRAIT 1977

LAT N48 29.24

DATE 3/ 3/77

TIME (PST) 1514

TAPE C20/78/ 8-252

LONG W123 10.40

PASS NO. 99

STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.79	7.88	24.02	1.60*
2.3	2.3	30.79	7.87	24.02	.52*
5.3	5.3	30.80	7.87	24.03	1.38*
10.2	10.3	30.79	7.86	24.02	1.15*
15.2	15.3	30.79	7.87	24.02	.92*
20.1	20.2	30.80	7.86	24.03	.78*
25.1	25.2	30.80	7.85	24.03	.64*
30.1	30.2	30.80	7.86	24.03	1.35*
35.1	35.2	30.80	7.85	24.03	2.07*
40.3	40.5	30.81	7.84	24.04	2.15*
45.1	45.3	30.81	7.85	24.04	2.19*
50.2	50.5	30.81	7.85	24.04	+
60.3	60.6	30.83	7.84	24.05	1.68*
70.3	70.6	30.84	7.84	24.06	1.04*
80.3	80.6	30.85	7.84	24.07	.63*
90.2	90.7	30.85	7.84	24.07	1.90*
100.1	100.6	30.89	7.84	24.10	+
110.2	110.7	30.90	7.85	24.11	.94*
120.1	120.6	30.90	7.85	24.11	1.69*
130.2	130.8	30.92	7.85	24.12	1.71*
140.1	140.8	30.95	7.85	24.14	2.96*
150.2	150.9	31.02	7.86	24.20	5.95
160.3	161.0	31.06	7.86	24.23	+
170.1	170.9	31.08	7.87	24.24	+
180.2	181.0	31.11	7.88	24.27	+
190.1	191.0	31.15	7.88	24.30	+
200.2	201.1	31.26	7.90	24.38	+

MAX DEPTH 206.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HAKO STRAIT 1977
 LAT N48 29.46
 DATE 3/ 3/77
 TIME (PST) 1528

TAPE C20/78/ 8-253
 LONG W123 9.50
 PASS NO.101
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.76	7.90	23.99	2.10*
2.2	2.2	30.76	7.89	24.00	.06*
5.2	5.2	30.77	7.88	24.00	1.75*
10.2	10.3	30.77	7.87	24.00	1.40*
15.4	15.4	30.76	7.86	24.00	1.05*
20.1	20.2	30.77	7.85	24.01	3.73
25.3	25.4	30.77	7.84	24.01	2.69*
30.0	30.2	30.78	7.84	24.02	1.77*
35.0	35.2	30.78	7.84	24.02	1.82*
40.0	40.2	30.79	7.83	24.03	2.00*
45.2	45.4	30.79	7.84	24.02	2.29*
50.0	50.3	30.81	7.84	24.04	2.17*
60.0	60.3	30.81	7.84	24.04	1.30*
70.3	70.7	30.82	7.83	24.05	1.13*
80.3	80.7	30.83	7.84	24.06	2.45*
90.2	90.7	30.87	7.84	24.09	2.95*
100.3	100.7	30.91	7.84	24.12	4.19
110.1	110.6	30.95	7.85	24.15	4.54
120.1	120.7	31.05	7.87	24.22	2.80*
130.3	130.9	31.06	7.87	24.23	1.23*
140.2	140.9	31.06	7.87	24.23	.91*
150.0	150.7	31.06	7.87	24.23	1.09*
160.2	160.9	31.07	7.87	24.24	2.42*
170.0	170.9	31.07	7.87	24.24	1.01*
180.0	180.9	31.08	7.88	24.25	1.09*
190.2	191.1	31.09	7.88	24.25	1.33*
200.2	201.2	31.11	7.88	24.27	3.23*
210.3	211.3	31.16	7.89	24.31	2.38*
220.3	221.3	31.17	7.89	24.31	4.83
230.3	231.4	31.22	7.89	24.35	4.83
240.2	241.4	31.28	7.90	24.40	5.78
250.0	251.3	31.43	7.91	24.51	5.21*
260.0	261.3	31.42	7.91	24.51	+
270.2	271.6	31.47	7.91	24.54	+
280.0	281.5	31.67	7.92	24.70	+

MAX DEPTH 285.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 HARO STRAIT 1977
 LAT N48 29.75
 DATE 3/ 3/77
 TIME (PST) 1542

TAPE CZ0/78/ 8-254
 LONG W123 8.86
 PASS NO.103
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.82	7.88	24.04	4.65*
2.2	2.2	30.83	7.84	24.06	3.76*
5.3	5.3	30.83	7.84	24.06	2.42*
10.1	10.2	30.83	7.83	24.06	1.71*
15.1	15.2	30.84	7.83	24.07	2.13*
20.2	20.3	30.85	7.83	24.07	1.83*
25.3	25.4	30.86	7.83	24.08	.96*
30.3	30.4	30.86	7.84	24.08	.80*
35.2	35.4	30.86	7.84	24.08	1.20*
40.1	40.3	30.86	7.84	24.08	+
45.1	45.3	30.85	7.84	24.07	2.01*
50.1	50.3	30.86	7.84	24.08	2.58*
60.2	60.5	30.93	7.85	24.13	4.95
70.2	70.5	30.97	7.86	24.16	1.66*
80.1	80.5	30.99	7.86	24.18	2.01*
90.3	90.7	30.99	7.86	24.17	.73*
100.2	100.7	30.99	7.86	24.18	.88*
110.1	110.6	31.00	7.86	24.19	1.48*
120.3	120.8	31.00	7.86	24.19	1.17*
130.2	130.8	31.01	7.87	24.19	1.11*
140.2	140.9	31.01	7.87	24.19	+
150.1	150.8	31.01	7.87	24.19	1.41*
160.2	161.0	31.02	7.87	24.20	+
170.3	171.1	31.02	7.87	24.20	+
180.2	181.1	31.03	7.87	24.21	+
190.0	190.9	31.04	7.87	24.21	+
200.1	201.1	31.04	7.88	24.22	+
210.1	211.1	31.08	7.89	24.25	3.49*
220.1	221.1	31.12	7.89	24.28	2.64*
230.2	231.3	31.19	7.90	24.33	+
240.2	241.4	31.23	7.91	24.36	4.89*
250.1	251.4	31.35	7.92	24.45	5.62
260.1	261.4	31.44	7.92	24.52	2.73*
270.2	271.6	31.45	7.92	24.53	+
280.3	281.7	31.46	7.92	24.54	3.33
290.3	291.8	31.52	7.93	24.58	3.11*
300.1	301.6	31.54	7.93	24.60	2.58*
310.1	311.7	31.59	7.93	24.63	

MAX DEPTH 316.1

CRUISE No. 10

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 40.90
 DATE 4/ 4/77
 TIME (PST) 1046

TAPE CZ0/78/ 8-255
 LONG W123 14.83
 PASS NO. 1
 STN: LINE F-10

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.40	7.92	23.71	14.46*
2.2	2.2	30.45	7.88	23.75	11.06*
5.3	5.3	30.45	7.88	23.75	5.95*
10.2	10.2	30.44	7.88	23.75	2.06*
15.0	15.1	30.48	7.87	23.77	1.88*
20.0	20.1	30.48	7.88	23.77	+
25.1	25.2	30.45	7.88	23.75	1.52*
30.2	30.3	30.47	7.88	23.77	+
35.1	35.3	30.47	7.88	23.77	1.16*
40.3	40.5	30.47	7.88	23.77	1.40*
45.1	45.2	30.48	7.88	23.77	1.99*
50.1	50.3	30.49	7.87	23.79	2.16*
60.0	60.3	30.49	7.88	23.79	2.05*
70.1	70.4	30.48	7.88	23.78	+
80.2	80.6	30.46	7.88	23.76	+
90.3	90.7	30.47	7.88	23.76	+
100.0	100.4	30.46	7.89	23.76	+
110.3	110.8	30.46	7.89	23.76	+
120.1	120.6	30.47	7.89	23.76	+
130.1	130.7	30.50	7.88	23.79	2.57*
140.1	140.7	30.52	7.88	23.81	3.74*
150.2	150.9	30.96	7.83	24.16	9.21
160.1	160.9	31.03	7.83	24.21	3.98*
170.3	171.1	31.04	7.82	24.22	1.72*
180.3	181.2	31.09	7.82	24.26	3.05*
190.2	191.1	31.05	7.83	24.23	+
200.1	201.1	31.23	7.81	24.37	4.70*
210.3	211.3	31.25	7.81	24.39	1.67*
220.0	221.1	31.25	7.81	24.39	1.03*
230.2	231.4	31.29	7.81	24.42	8.10
240.0	241.3	31.51	7.79	24.59	9.50*
250.2	251.5	31.56	7.78	24.63	+
260.2	261.5	31.75	7.76	24.79	5.25*
270.2	271.6	31.74	7.76	24.78	+
280.1	281.6	31.77	7.75	24.81	4.13
290.2	291.8	31.79	7.75	24.82	+
300.2	301.8	31.83	7.75	24.85	2.75*
310.1	311.8	31.83	7.75	24.85	+
320.1	321.8	31.83	7.75	24.85	

MAX DEPTH 323.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 39.37
 DATE 4/ 4/77
 TIME (PST) 1124

TAPL CZ0/78/ 8-256
 LONG W123 14.17
 PASS NO. 3
 STN: LINE F-9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.23	7.97	23.56	3.54*
2.1	2.1	30.25	7.93	23.59	1.21*
5.0	5.0	30.24	7.93	23.58	3.02*
10.0	10.0	30.25	7.93	23.59	2.50*
15.1	15.1	30.26	7.92	23.60	1.98*
20.3	20.4	30.28	7.91	23.61	1.63*
25.3	25.4	30.27	7.92	23.60	1.70*
30.2	30.3	30.28	7.92	23.61	6.49
35.4	35.5	30.29	7.92	23.62	3.30*
40.0	40.2	30.29	7.91	23.63	.75*
45.1	45.3	30.31	7.91	23.64	.60*
50.1	50.3	30.31	7.91	23.63	1.08*
60.1	60.4	30.31	7.92	23.64	2.51*
70.1	70.4	30.31	7.91	23.64	+
80.2	80.5	30.32	7.91	23.64	3.71*
90.3	90.7	30.48	7.89	23.77	7.41
100.3	100.7	30.41	7.90	23.72	+
110.3	110.8	30.54	7.88	23.82	5.91*
120.0	120.6	30.58	7.88	23.86	2.91*
130.2	130.8	30.59	7.87	23.86	1.68*
140.1	140.7	30.56	7.88	23.84	+
150.2	150.9	30.59	7.88	23.86	7.84
160.2	160.9	30.72	7.87	23.97	+
170.1	170.9	30.91	7.85	24.12	+
180.2	181.1	31.13	7.82	24.29	+
190.2	191.2	31.46	7.79	24.56	+
200.2	201.2	31.52	7.78	24.60	+
210.1	211.2	31.59	7.77	24.66	+
220.1	221.3	31.63	7.77	24.69	3.82
230.1	231.3	31.73	7.75	24.77	5.10*
240.2	241.5	31.77	7.75	24.80	5.35*
250.1	251.4	31.82	7.74	24.84	+

MAX DEPTH 253.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 38.07
 DATE 4/ 4/77
 TIME (PST) 1145

TAPE CZ0/78/ 8-257
 LONG W123 13.23
 PASS NO. 5
 STN: LINE F-8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.23	7.95	23.57	2.14
2.1	2.1	30.25	7.93	23.59	1.43*
5.2	5.3	30.26	7.92	23.60	3.00
10.1	10.1	30.29	7.91	23.62	5.07
15.1	15.1	30.39	7.89	23.71	5.42
20.2	20.2	30.42	7.89	23.73	2.66*
25.3	25.4	30.46	7.88	23.76	2.72
30.3	30.4	30.46	7.88	23.76	3.04
35.2	35.4	30.48	7.88	23.78	+
40.0	40.2	30.50	7.88	23.79	3.48*
45.2	45.4	30.51	7.87	23.80	2.51*
50.2	50.4	30.50	7.88	23.79	4.04*
60.3	60.6	30.57	7.87	23.85	3.51*
70.3	70.6	30.60	7.86	23.88	2.19*
80.1	80.4	30.62	7.86	23.89	2.74*
90.4	90.8	30.77	7.84	24.01	10.34*
100.2	100.6	30.87	7.84	24.09	5.58*
110.1	110.6	30.97	7.83	24.17	6.65*
120.2	120.7	31.18	7.80	24.33	5.71*
130.1	130.7	31.20	7.80	24.35	4.48
140.2	140.9	31.25	7.80	24.39	6.24*
150.2	151.0	31.47	7.78	24.56	10.70
160.1	160.9	31.75	7.73	24.79	3.63*
170.0	171.0	31.77	7.73	24.80	2.89*
180.1	181.1	31.80	7.72	24.83	2.57*
190.1	191.2	31.83	7.72	24.85	5.09
200.1	201.1	31.88	7.71	24.89	2.20*
210.1	211.2	31.87	7.71	24.89	.72*
220.1	221.3	31.87	7.72	24.89	
230.1	231.3	31.87	7.72	24.89	+

MAX DEPTH 238.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 36.84
 DATE 4/ 4/77
 TIME (PST) 1209

TAPE CZ0/78/ 8-258
 LONG W123 12.70
 PASS NO. 7
 STN: LINE F-7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.20	7.99	23.54	1.59
2.1	2.1	30.24	7.94	23.58	1.47*
5.3	5.3	30.25	7.91	23.59	3.72
10.2	10.2	30.27	7.90	23.61	5.85
15.2	15.2	30.32	7.89	23.65	4.42*
20.2	20.3	30.33	7.89	23.66	3.04
25.3	25.4	30.35	7.89	23.67	4.67
30.2	30.3	30.39	7.88	23.70	5.20*
35.0	35.2	30.40	7.89	23.71	4.10*
40.1	40.2	30.47	7.88	23.77	5.10*
45.0	45.2	30.54	7.87	23.83	6.12*
50.3	50.5	30.62	7.86	23.89	11.02
60.3	60.5	30.82	7.84	24.05	5.39*
70.2	70.5	30.83	7.84	24.06	2.51*
80.3	80.7	30.88	7.83	24.10	3.97*
90.2	90.7	30.99	7.82	24.19	6.73*
100.0	100.5	31.05	7.82	24.23	4.09
110.1	110.6	31.05	7.81	24.23	+
120.1	120.7	31.25	7.79	24.39	6.98
130.3	130.9	31.54	7.75	24.62	14.71
140.0	140.8	31.81	7.72	24.84	2.02*
150.0	150.8	31.82	7.72	24.84	.67*
160.1	160.9	31.81	7.72	24.84	+
170.1	171.0	31.81	7.72	24.84	.73*
180.1	181.1	31.81	7.72	24.84	+
190.2	191.2	31.82	7.72	24.84	1.08*
200.1	201.2	31.83	7.72	24.85	1.21*
210.0	211.2	31.83	7.72	24.85	1.40*
220.2	221.4	31.84	7.72	24.86	1.14*
230.1	231.4	31.83	7.73	24.86	+
240.1	241.3	31.83	7.73	24.86	+

MAX DEPTH 245.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 35.32
 DATE 4/ 4/77
 TIME (PST) 1248

TAPE CZ0/78/ 8-259
 LONG W123 12.98
 PASS NO. 9
 STN: LINE F-6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.10	8.03	23.46	5.24*
2.0	2.0	30.06	8.06	23.42	1.44*
5.1	5.1	30.10	8.02	23.46	3.70*
10.1	10.1	30.15	7.95	23.51	2.15*
15.1	15.1	30.16	7.95	23.52	.61*
20.1	20.2	30.16	7.95	23.52	9.41
25.3	25.4	30.25	7.93	23.59	4.60*
30.3	30.4	30.24	7.93	23.58	4.76
35.2	35.4	30.30	7.92	23.63	19.55
40.2	40.3	30.57	7.87	23.85	6.19
45.0	45.2	30.69	7.86	23.94	5.07
50.1	50.3	30.65	7.86	23.91	+
60.1	60.4	30.74	7.85	23.98	3.66*
70.3	70.6	30.82	7.85	24.05	9.26*
80.1	80.4	30.69	7.86	23.94	+
90.1	90.5	30.69	7.86	23.94	+
100.2	100.7	30.87	7.85	24.08	5.47*
110.1	110.6	31.16	7.81	24.32	5.02*
120.0	120.6	31.09	7.82	24.26	+
130.3	130.9	31.17	7.81	24.33	4.72*
140.1	140.8	31.21	7.80	24.36	1.57*
150.0	150.7	31.24	7.81	24.38	11.23
160.0	160.8	31.42	7.78	24.53	4.21*
170.1	171.0	31.44	7.78	24.54	4.96*
180.1	181.1	31.73	7.74	24.77	8.86
190.2	191.2	31.81	7.72	24.83	3.48*
200.1	201.2	31.80	7.73	24.83	3.63*
210.2	211.4	32.10	7.50	25.10	3.81*
220.0	221.2	31.83	7.72	24.85	+
230.1	231.4	31.85	7.72	24.87	+
240.2	241.5	31.86	7.72	24.87	+
250.1	251.5	31.90	7.71	24.91	+
260.1	261.6	31.90	7.71	24.91	+

MAX DEPTH 263.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 33.75
 DATE 4/ 4/77
 TIME (PST) 1320

TAPE CZ0/78/ 8-260
 LONG W123 12.67
 PASS NO. 11
 STN: LINE F-5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.20	8.11	23.53	22.19*
2.1	2.1	30.50	7.66	23.82	19.95*
5.1	5.2	30.52	7.67	23.84	16.58*
11.9	11.9	30.52	7.87	23.81	+
15.2	15.2	30.53	7.87	23.81	5.36*
20.2	20.3	30.55	7.87	23.83	2.54*
25.3	25.4	30.55	7.87	23.84	1.69*
30.1	30.2	30.56	7.87	23.84	1.94*
35.3	35.5	30.58	7.86	23.86	2.51*
40.1	40.3	30.59	7.87	23.86	2.74*
45.2	45.4	30.59	7.87	23.86	2.74*
50.2	50.4	30.62	7.87	23.89	6.52
60.2	60.5	30.78	7.86	24.01	7.77
70.1	70.5	30.90	7.84	24.11	6.39
80.2	80.6	30.91	7.84	24.12	+
90.1	90.5	30.98	7.84	24.18	9.79
100.1	100.6	31.28	7.80	24.41	6.76
110.1	110.6	31.33	7.79	24.45	4.48
122.5	123.1	31.42	7.78	24.52	+
130.3	130.9	31.44	7.78	24.54	1.85*
140.1	140.9	31.48	7.77	24.57	1.48*
150.1	150.9	31.49	7.77	24.58	2.29*
160.2	161.0	31.54	7.77	24.62	+
170.3	171.2	31.57	7.76	24.64	+
180.1	181.0	31.59	7.76	24.66	2.69
190.2	191.2	31.63	7.76	24.69	5.82*
200.1	201.2	31.62	7.76	24.68	+
210.3	211.4	31.69	7.75	24.74	4.28*
220.3	221.5	31.78	7.73	24.81	6.71*
230.1	231.3	31.89	7.71	24.90	5.96*
240.1	241.4	32.02	7.68	25.01	5.12
250.1	251.5	32.07	7.67	25.05	3.41
260.1	261.6	32.15	7.64	25.12	6.57*
270.1	271.6	32.31	7.59	25.25	4.49*
280.1	281.7	32.36	7.58	25.29	
290.2	291.9	32.35	7.58	25.28	+

MAX DEPTH 290.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 32.65
 DATE 4/ 4/77
 TIME (PST) 1341

TAPE C20/78/ 8-261
 LONG W123 11.52
 PASS NO. 13
 STN: LINE F-4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.99	8.50	23.30	14.58
2.0	2.1	29.99	8.42	23.32	3.98*
5.3	5.3	30.17	7.98	23.52	10.29
10.1	10.2	30.29	7.90	23.63	6.00
15.0	15.1	30.37	7.89	23.69	4.09*
20.0	20.1	30.38	7.89	23.70	3.78
25.0	25.2	30.44	7.88	23.75	7.49
30.2	30.4	30.49	7.88	23.78	5.57*
35.1	35.3	30.55	7.87	23.83	4.91
40.1	40.3	30.61	7.87	23.88	5.31*
45.3	45.5	30.66	7.86	23.92	5.78*
50.2	50.4	30.74	7.85	23.98	5.61*
60.2	60.4	30.83	7.84	24.05	3.62*
70.1	70.4	30.87	7.84	24.08	5.47
80.0	80.4	31.02	7.83	24.21	7.07*
90.1	90.6	31.15	7.81	24.31	2.27*
100.1	100.6	31.15	7.82	24.31	4.37*
110.2	110.7	31.64	7.74	24.70	14.04
120.2	120.8	31.68	7.74	24.73	+
130.0	130.7	31.68	7.74	24.73	+
140.2	141.0	31.69	7.73	24.74	+
150.2	151.0	31.74	7.73	24.78	3.80*
160.1	160.9	31.78	7.72	24.82	+
170.1	171.0	31.94	7.69	24.95	+
180.0	181.0	32.04	7.66	25.02	5.28*
190.1	191.2	32.10	7.65	25.07	4.46*
200.0	201.1	32.12	7.64	25.09	+
210.1	211.3	32.14	7.64	25.11	1.42
220.1	221.3	32.16	7.63	25.13	2.99*
230.1	231.4	32.41	7.56	25.33	6.09
240.1	241.6	32.48	7.54	25.39	

MAX DEPTH 240.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAWAII STRAIT 1977
 LAT N48 31.26
 DATE 4/ 4/77
 TIME (PST) 1403

TAPE CZ078/ 8-262
 LONG W123 10.59
 PASS NO. 15
 STN: LINE F-3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.13	8.11	23.47	1.01
2.2	2.2	30.14	8.04	23.49	2.03*
5.1	5.1	30.19	7.93	23.54	6.60
10.1	10.1	30.37	7.90	23.68	11.39
15.3	15.4	30.58	7.87	23.86	5.36
20.4	20.5	30.61	7.87	23.88	3.89*
25.3	25.4	30.62	7.87	23.89	3.08*
30.2	30.4	30.66	7.86	23.92	4.10*
35.3	35.5	30.71	7.86	23.96	4.54*
40.1	40.2	30.73	7.85	23.97	4.04*
45.3	45.5	30.75	7.85	23.99	5.08
50.1	50.4	30.88	7.84	24.09	8.86
60.0	60.3	31.11	7.82	24.27	9.02
70.2	70.6	31.43	7.78	24.53	9.01*
80.0	80.4	31.47	7.77	24.56	6.60
90.2	90.7	31.46	7.78	24.56	+
100.2	100.7	31.57	7.76	24.65	4.78
110.2	110.8	31.69	7.74	24.74	5.78*
120.1	120.8	31.80	7.71	24.84	5.39
130.2	130.9	31.84	7.71	24.86	+
140.1	140.8	31.91	7.69	24.92	+
150.2	151.0	31.95	7.68	24.96	3.08*
160.1	161.0	31.98	7.67	24.98	+
170.0	171.0	32.01	7.66	25.00	+
180.1	181.1	32.01	7.66	25.00	1.08*
190.1	191.1	32.02	7.66	25.01	2.47*
200.1	201.2	32.04	7.66	25.03	+
210.0	211.2	32.05	7.65	25.04	7.14*
220.2	221.4	32.43	7.55	25.34	12.18*
230.1	231.4	32.49	7.54	25.39	3.55*
240.1	241.5	32.50	7.54	25.41	

MAX DEPTH 243.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 30.31
 DATE 4/ 4/77
 TIME (PST) 1432

TAPE CZ0/78/ 8-263
 LONG W123 9.38
 PASS NO. 17
 STN: LINE F-2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.63	8.03	23.87	8.59
2.0	2.1	30.72	8.00	23.95	7.55
5.0	5.0	30.77	7.98	23.99	12.10
10.3	10.4	30.98	7.84	24.17	5.24*
15.2	15.3	31.01	7.84	24.20	3.85
20.2	20.3	31.03	7.84	24.21	6.64
25.0	25.1	31.10	7.83	24.27	5.83*
30.1	30.2	31.09	7.83	24.26	1.29*
35.2	35.4	31.10	7.83	24.27	1.63*
40.3	40.5	31.10	7.83	24.27	1.95*
45.2	45.4	31.10	7.83	24.27	2.13*
50.2	50.5	31.12	7.83	24.28	2.38*
60.1	60.4	31.14	7.83	24.30	3.42
70.1	70.5	31.20	7.83	24.34	2.93*
80.1	80.5	31.21	7.82	24.36	1.95*
90.2	90.7	31.22	7.83	24.36	1.51*
100.2	100.7	31.22	7.83	24.36	1.80*
110.0	110.5	31.22	7.83	24.37	.91*
120.2	120.8	31.25	7.83	24.38	3.77*
130.1	130.7	31.29	7.82	24.42	2.92*
140.2	140.9	31.31	7.81	24.43	2.03*
150.1	150.9	31.32	7.81	24.44	2.66*
160.1	160.9	31.36	7.80	24.48	4.54*
170.1	171.0	31.39	7.80	24.50	1.85*
180.1	181.0	31.40	7.80	24.50	2.09*
190.2	191.2	31.44	7.79	24.54	3.92
200.0	201.0	31.48	7.79	24.57	+
210.2	211.2	31.47	7.79	24.57	3.29
220.3	221.4	31.49	7.79	24.58	5.58*
230.3	231.5	31.63	7.77	24.69	5.87
240.3	241.5	31.78	7.74	24.81	7.87*
250.1	251.6	32.31	7.59	25.25	4.85*
260.2	261.7	32.42	7.56	25.34	4.90*
270.1	271.7	32.43	7.56	25.34	+
280.1	281.7	32.46	7.56	25.37	+

MAX DEPTH 280.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAWO STRAIT 1977
 LAT N48 28.60
 DATE 4/ 4/77
 TIME (PST) 1540

TAPE C20/78/ 8-264
 LONG W123 8.60
 PASS NO. 19
 STN: LINE F-1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	31.38	7.80	24.49	17.21*
2.1	2.1	31.38	7.81	24.49	12.51*
5.0	5.0	31.38	7.80	24.49	5.45*
10.1	10.1	31.39	7.80	24.50	.44*
15.2	15.2	31.38	7.80	24.49	.67*
20.2	20.3	31.38	7.80	24.49	.77*
25.4	25.5	31.38	7.80	24.49	.78*
30.3	30.5	31.38	7.80	24.49	.93*
35.2	35.4	31.38	7.80	24.49	1.18*
40.1	40.3	31.39	7.80	24.50	1.17*
45.3	45.6	31.38	7.80	24.49	.97*
50.1	50.4	31.39	7.80	24.50	.98*
60.2	60.5	31.39	7.80	24.50	1.39
70.1	70.5	31.40	7.80	24.50	+
80.3	80.7	31.39	7.80	24.50	+
90.3	90.8	31.40	7.80	24.50	+
100.2	100.7	31.39	7.80	24.50	+
110.2	110.6	31.41	7.80	24.52	1.73*
120.1	120.7	31.40	7.80	24.50	+
130.1	130.8	31.40	7.80	24.50	+
140.3	141.0	31.42	7.80	24.52	3.46*
150.2	150.9	31.54	7.75	24.62	6.35
160.3	161.1	31.55	7.75	24.63	4.84*
170.0	170.9	31.57	7.75	24.64	3.58*
180.1	181.0	31.60	7.74	24.67	3.36*
190.4	191.3	31.60	7.74	24.67	1.20*
200.2	201.2	31.54	7.76	24.62	+
210.2	211.3	31.56	7.75	24.64	+
220.0	221.2	31.67	7.72	24.73	+

MAX DEPTH 223.8

COASTAL ZONE OCLANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 27.78
 DATE 5/ 4/77
 TIME (PST) 0754

TAPE CZ0/78/ 8-265
 LONG W123 14.72
 PASS NO. 23
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.25	8.04	23.58	10.65
2.0	2.0	30.28	8.01	23.60	3.04*
5.2	5.2	30.41	7.99	23.70	7.96
10.2	10.2	30.54	7.96	23.81	5.27
15.2	15.3	30.69	7.92	23.93	13.94
20.0	20.1	30.81	7.90	24.03	4.45
25.2	25.3	30.86	7.90	24.07	8.51
30.2	30.3	30.89	7.89	24.10	9.22*
35.1	35.3	31.18	7.83	24.33	9.25
40.2	40.4	31.26	7.82	24.39	+

MAX DEPTH 41.6

CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 28.02
 DATE 5/ 4/77
 TIME (PST) 0803

TAPE CZ0/78/ 8-266
 LONG W123 13.86
 PASS NO. 25
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.37	7.98	23.68	7.47*
2.2	2.2	30.43	7.96	23.73	6.98*
5.2	5.3	30.50	7.96	23.78	6.26*
10.0	10.1	30.48	7.96	23.76	6.59
15.0	15.1	30.66	7.92	23.91	6.99
20.2	20.2	30.78	7.90	24.01	5.87
25.1	25.2	30.86	7.88	24.07	7.09*
30.1	30.3	30.91	7.88	24.11	6.48
35.1	35.2	31.00	7.88	24.19	8.78
40.0	40.2	31.18	7.83	24.33	11.15*
45.3	45.5	31.20	7.83	24.35	1.43*
50.0	50.3	31.20	7.83	24.35	1.44*

MAX DEPTH 50.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 28.25
 DATE 5/ 4/77
 TIME (PST) 0812

TAPE CZ0/78/ 8-267
 LONG W123 13.23
 PASS NO. 27
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.60	7.95	23.86	5.35
2.2	2.2	30.62	7.92	23.88	4.69
5.1	5.1	30.67	7.90	23.92	8.35
10.3	10.4	30.75	7.91	23.98	3.99*
15.2	15.2	30.80	7.90	24.02	3.45*
20.2	20.3	30.81	7.89	24.03	3.61*
25.1	25.2	30.85	7.89	24.07	+
30.3	30.5	30.87	7.89	24.08	3.98*
35.2	35.4	30.91	7.88	24.11	4.00*
40.1	40.2	30.97	7.88	24.16	2.92*
45.1	45.3	30.97	7.88	24.16	2.02*
50.2	50.5	30.98	7.88	24.17	2.17*
61.7	62.0	31.00	7.87	24.19	3.27*
70.0	70.4	31.08	7.86	24.25	6.68
80.1	80.5	31.20	7.83	24.35	+

MAX DEPTH 86.0

CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 28.48
 DATE 5/ 4/77
 TIME (PST) 0821

TAPE CZ0/78/ 8-268
 LONG W123 12.43
 PASS NO. 29
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.51	8.00	23.78	8.07
2.1	2.1	30.59	7.94	23.86	9.83
5.1	5.2	30.72	7.91	23.96	9.85
10.3	10.3	30.79	7.90	24.01	4.87
15.2	15.3	30.84	7.90	24.06	4.86*
20.2	20.3	30.87	7.89	24.08	4.16
25.3	25.4	30.93	7.89	24.12	6.52
30.3	30.5	30.95	7.88	24.15	3.60*
35.1	35.2	30.97	7.88	24.16	2.47*
40.1	40.3	30.98	7.88	24.17	2.05*
45.2	45.4	30.98	7.88	24.17	3.69
50.1	50.4	31.01	7.89	24.18	4.40*
60.1	60.4	31.08	7.90	24.24	6.03
70.2	70.5	31.16	7.86	24.31	3.40
80.0	80.4	31.27	7.82	24.41	5.95
90.1	90.5	31.34	7.81	24.46	1.23*
100.2	100.7	31.35	7.81	24.47	2.34*
110.4	110.9	31.37	7.80	24.49	4.34
120.3	120.9	31.44	7.79	24.54	3.64*
130.1	130.8	31.47	7.78	24.57	2.89*

MAX DEPTH 136.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 28.74
 DATE 5/ 4/77
 TIME (PST) 0835

TAPE CZ0/78/ 8-269
 LONG W123 11.86
 PASS NO. 31
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	31.04	7.93	24.21	2.04*
2.2	2.2	30.99	7.92	24.17	.83*
5.1	5.1	31.00	7.91	24.17	2.19*
10.3	10.3	31.02	7.91	24.19	2.33*
15.2	15.3	31.03	7.91	24.21	2.47*
20.3	20.4	31.04	7.91	24.21	3.18*
25.4	25.5	31.09	7.90	24.25	3.91*
30.0	30.2	31.09	7.90	24.25	2.35*
35.2	35.4	31.09	7.90	24.25	.78*
40.0	40.2	31.10	7.90	24.26	1.27*
45.2	45.5	31.10	7.90	24.26	1.78*
50.0	50.3	31.11	7.90	24.27	1.92*
60.0	60.3	31.15	7.89	24.29	2.26*
70.1	70.4	31.17	7.88	24.31	4.89*
80.2	80.6	31.32	7.82	24.44	6.00*
90.2	90.7	31.38	7.80	24.49	4.21*
100.3	100.8	31.42	7.78	24.53	3.70*
110.1	110.7	31.46	7.78	24.56	7.77

MAX DEPTH 117.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARG STRAIT 1977
 LAT N48 28.95
 DATE 5/ 4/77
 TIME (PST) 0845

TAPE CZ0/78/ 8-270
 LONG W123 11.04
 PASS NO. 33
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.81	7.93	24.03	5.90*
2.1	2.1	30.83	7.92	24.04	4.76*
5.2	5.3	30.84	7.91	24.05	3.06*
10.2	10.2	30.85	7.91	24.06	1.80*
15.3	15.3	30.84	7.92	24.06	1.89*
20.4	20.5	30.86	7.92	24.07	2.73*
25.1	25.2	30.85	7.92	24.06	4.10*
30.0	30.2	30.91	7.93	24.11	5.41
35.3	35.5	30.94	7.94	24.13	5.83*
40.2	40.4	30.94	7.93	24.13	+
45.1	45.3	30.92	7.93	24.11	4.12*
50.3	50.5	30.94	7.93	24.13	3.67*
60.2	60.4	31.00	7.92	24.18	6.30*
70.3	70.6	31.14	7.89	24.29	7.31
80.3	80.7	31.41	7.79	24.52	1.64*
90.0	90.5	31.50	7.76	24.59	6.98
100.2	100.7	31.65	7.72	24.71	5.35*
110.1	110.7	31.65	7.73	24.71	+
120.2	120.9	31.66	7.73	24.72	.88*
130.1	130.8	31.66	7.72	24.72	1.03*
140.0	140.8	31.67	7.72	24.73	+
150.3	151.1	31.67	7.72	24.73	.82*
160.1	160.9	31.67	7.72	24.73	.58*
170.0	170.9	31.67	7.73	24.73	2.41
180.1	181.0	31.70	7.72	24.75	3.90*
190.2	191.2	31.74	7.71	24.79	+
200.1	201.1	31.72	7.72	24.77	+

MAX DEPTH 200.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 29.24
 DATE 5/ 4/77
 TIME (PST) 0849

TAPE CZ0/78/ 8-271
 LONG W123 10.40
 PASS NO. 35
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.80	8.08	24.00	10.93*
2.1	2.1	30.80	8.00	24.01	9.52*
5.0	5.0	30.84	7.93	24.05	7.41*
10.2	10.3	30.89	7.89	24.09	5.22
15.2	15.3	30.93	7.87	24.13	4.10*
20.0	20.1	30.94	7.87	24.14	2.96*
25.1	25.2	30.96	7.87	24.15	2.00*
30.1	30.3	30.97	7.87	24.16	1.65
35.1	35.3	30.97	7.87	24.16	4.04
40.3	40.5	30.97	7.88	24.16	3.71*
45.1	45.3	31.01	7.88	24.19	4.32
50.3	50.6	31.02	7.89	24.20	3.39*
60.3	60.5	31.05	7.89	24.22	6.73*
70.0	70.4	31.15	7.89	24.30	3.57*
80.3	80.7	31.18	7.88	24.33	6.94
90.2	90.6	31.38	7.80	24.49	4.60*
100.2	100.7	31.40	7.79	24.50	4.72
110.1	110.7	31.50	7.77	24.59	5.09
120.1	120.7	31.57	7.76	24.64	3.23
130.2	130.8	31.55	7.76	24.63	+
140.0	140.8	31.58	7.75	24.66	+
150.0	150.8	31.63	7.74	24.69	+
160.1	160.9	31.64	7.74	24.70	2.28
170.2	171.1	31.68	7.73	24.74	3.91*
180.1	181.1	31.93	7.66	24.94	8.29*
190.1	191.1	32.01	7.64	25.00	4.81*
202.7	203.9	32.13	7.55	25.11	+

MAX DEPTH 209.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 29.46
 DATE 5/ 4/77
 TIME (PST) 0915

TAPE C20/78/ 8-272
 LONG W123 9.50
 PASS NO. 37
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.66	8.02	23.90	11.51
2.2	2.2	30.73	7.90	23.97	10.47
5.2	5.2	30.79	7.88	24.02	8.02*
10.2	10.3	30.84	7.87	24.06	4.49
15.1	15.2	30.86	7.87	24.07	7.36
20.1	20.2	30.90	7.87	24.11	5.50*
25.1	25.2	30.95	7.87	24.15	7.13
30.3	30.4	31.09	7.87	24.26	5.56*
35.2	35.4	31.10	7.87	24.26	2.35*
40.2	40.4	31.10	7.87	24.26	2.48*
45.0	45.2	31.11	7.87	24.27	2.55*
50.1	50.3	31.12	7.86	24.28	2.53*
60.2	60.4	31.18	7.85	24.33	2.83*
70.1	70.5	31.20	7.85	24.34	1.55*
80.3	80.7	31.21	7.86	24.35	1.06*
90.3	90.7	31.25	7.85	24.38	4.54
100.2	100.7	31.37	7.81	24.48	6.46*
110.3	110.8	31.54	7.76	24.63	7.51
120.1	120.7	31.61	7.75	24.68	3.71
130.3	130.9	31.66	7.74	24.72	2.69*
140.8	141.5	31.67	7.72	24.73	2.18*
150.0	150.8	31.75	7.71	24.80	+
160.1	161.0	31.85	7.68	24.88	3.68*
170.1	171.0	31.86	7.68	24.88	.98*
180.3	181.3	31.90	7.68	24.91	2.57*
190.1	191.1	31.98	7.65	24.98	4.21*
200.0	201.1	32.03	7.64	25.02	3.58*
210.1	211.3	32.08	7.63	25.06	2.45*
220.3	221.5	32.09	7.62	25.07	1.33*
230.2	231.5	32.09	7.63	25.07	+
240.1	241.4	32.09	7.62	25.07	+
250.0	251.4	32.10	7.62	25.08	+
260.3	261.7	32.12	7.62	25.10	+

MAX DEPTH 267.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 29.75
 DATE 5/ 4/77
 TIME (PST) 0935

TAPE CZ0/78/ 8-273
 LONG W123 8.86
 PASS NO. 39
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.77	7.96	23.99	13.48
2.0	2.0	30.83	7.88	24.05	7.56
5.1	5.1	30.86	7.87	24.08	4.09*
10.2	10.2	30.88	7.86	24.09	3.51*
15.1	15.2	30.91	7.86	24.12	4.65*
20.1	20.2	31.01	7.85	24.10	5.31*
25.2	25.3	31.02	7.85	24.20	3.45*
30.1	30.3	31.02	7.85	24.20	2.38
35.1	35.2	31.05	7.85	24.23	4.49
40.1	40.3	31.07	7.86	24.24	4.56*
45.2	45.4	31.11	7.86	24.27	6.11
50.1	50.4	31.22	7.84	24.36	9.10
60.3	60.6	31.30	7.82	24.42	1.52*
70.1	70.5	31.33	7.82	24.45	1.45*
80.0	80.4	31.36	7.81	24.47	4.30
90.1	90.5	31.45	7.79	24.55	3.52*
100.1	100.6	31.50	7.78	24.59	3.48*
110.1	110.6	31.58	7.76	24.65	6.14
120.2	120.8	31.73	7.72	24.77	5.56*
130.2	130.8	31.78	7.70	24.82	2.45*
140.3	141.0	31.80	7.70	24.83	1.55*
150.2	151.0	31.84	7.69	24.87	3.96*
160.0	160.9	31.89	7.68	24.90	3.82*
170.2	171.1	31.95	7.66	24.96	3.91*
180.1	181.1	32.01	7.64	25.01	4.52*
190.3	191.3	32.08	7.63	25.06	3.26*
200.2	201.3	32.06	7.63	25.05	+
210.1	211.3	32.09	7.62	25.07	1.14*
220.1	221.3	32.09	7.63	25.07	.01*
230.3	231.6	32.09	7.63	25.07	+
240.1	241.4	32.08	7.63	25.06	+
250.1	251.5	32.09	7.63	25.07	11.94
260.0	261.6	32.37	7.40	25.32	+
270.1	271.6	32.09	7.63	25.07	+
280.1	281.7	32.11	7.63	25.09	+

MAX DEPTH 282.9

COASTAL ZONE OCEANOGRAPHY
CRUISE NO. 10 HAKO STRAIT 1977
LAT N48 27.36
DATE 5/ 4/77
TIME (PST) 1031

TAPE CZ0/78/ 8-274
LONG W123 15.61
PASS NO. 41
STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.12	8.23	23.45	7.20
2.2	2.2	30.06	8.15	23.41	2.95*
5.0	5.0	30.13	8.12	23.47	7.59
10.2	10.2	30.20	8.09	23.53	7.97
15.2	15.3	30.31	8.07	23.62	8.12
20.0	20.1	30.36	8.06	23.65	5.05
25.3	25.4	30.46	8.03	23.74	11.92
30.2	30.3	30.74	7.93	23.97	10.04
35.1	35.3	30.84	7.91	24.06	4.01

MAX DEPTH 37.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 27.78
 DATE 5/ 4/77
 TIME (PST) 1043

TAPE CZ0/78/ 8-275
 LONG W123 14.72
 PASS NO. 43
 STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.02	8.24	23.37	8.12
2.2	2.2	29.90	8.54	23.23	3.72*
5.1	5.1	29.96	8.22	23.32	9.36
10.0	10.1	30.40	8.01	23.69	10.59
15.1	15.1	30.53	7.96	23.81	5.90
20.3	20.4	30.63	7.94	23.88	10.25
25.2	25.3	30.90	7.89	24.10	7.93
30.1	30.2	30.96	7.88	24.15	5.07*
35.1	35.2	30.96	7.88	24.15	5.58*
40.1	40.3	31.07	7.86	24.24	4.67

MAX DEPTH 41.0

CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 28.02
 DATE 5/ 4/77
 TIME (PST) 1053

TAPE CZ0/78/ 8-276
 LONG W123 13.86
 PASS NO. 45
 STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.00	8.82	23.26	4.99
2.1	2.1	30.17	8.20	23.49	16.87
5.1	5.1	30.49	8.00	23.76	9.04
10.2	10.3	30.65	7.95	23.90	5.12*
15.3	15.4	30.69	7.94	23.93	3.67*
20.2	20.3	30.70	7.93	23.94	4.79
25.0	25.1	30.76	7.91	23.99	6.88*
30.1	30.2	30.80	7.90	24.02	4.63*
35.2	35.3	30.82	7.90	24.04	5.10*
40.3	40.5	30.89	7.89	24.09	5.30
45.0	45.2	30.93	7.88	24.13	4.36
50.2	50.4	30.96	7.88	24.15	

MAX DEPTH 54.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 28.25
 DATE 5/ 4/77
 TIME (PST) 1100

TAPE CZ0/78/ 8-277
 LONG W123 13.23
 PASS NO. 47
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.42	8.14	23.69	10.56*
2.1	2.1	30.49	8.06	23.76	9.73*
5.1	5.2	30.52	8.04	23.79	8.47*
10.1	10.1	30.58	8.01	23.83	7.19
15.0	15.1	30.69	7.93	23.93	6.16*
20.1	20.2	30.74	7.90	23.98	4.72*
25.2	25.3	30.76	7.90	23.99	3.83*
30.1	30.2	30.77	7.89	24.00	3.29*
35.1	35.2	30.80	7.89	24.02	4.65*
40.1	40.3	30.89	7.88	24.10	5.64*
45.1	45.3	30.87	7.88	24.08	4.80*
50.1	50.3	30.91	7.88	24.12	3.90*
60.0	60.3	30.92	7.88	24.12	1.70*
70.2	70.5	30.96	7.88	24.15	1.56*
80.1	80.4	30.94	7.88	24.14	1.56*
90.2	90.6	30.97	7.88	24.16	2.70*
100.1	100.6	30.99	7.88	24.18	3.48*

MAX DEPTH 105.0

CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 28.48
 DATE 5/ 4/77
 TIME (PST) 1116

TAPE CZ0/78/ 8-278
 LONG W123 12.43
 PASS NO. 49
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.65	7.98	23.89	1.61*
2.1	2.1	30.66	7.92	23.91	.78*
5.0	5.0	30.66	7.92	23.91	2.00*
10.2	10.2	30.65	7.93	23.90	2.19*
15.1	15.1	30.67	7.91	23.92	2.38*
20.2	20.3	30.67	7.91	23.92	2.59*
25.1	25.2	30.68	7.91	23.93	2.60*
30.2	30.4	30.70	7.90	23.94	3.77*
35.1	35.3	30.73	7.89	23.97	4.77*
40.3	40.5	30.76	7.88	24.00	4.53
45.1	45.3	30.78	7.88	24.01	4.82*
50.3	50.5	30.84	7.86	24.06	5.58
60.1	60.4	30.90	7.87	24.11	2.96*
70.3	70.6	30.99	7.87	24.18	7.45*
80.2	80.6	31.00	7.87	24.18	2.27*
90.2	90.6	31.03	7.87	24.21	2.39*
100.2	100.7	31.04	7.86	24.22	5.60
110.2	110.7	31.16	7.85	24.31	5.47
120.4	121.0	31.26	7.83	24.39	6.52*
130.3	131.0	31.34	7.81	24.46	+

MAX DEPTH 137.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 10 HARO STRAIT 1977

LAT N48 28.74

DATE 5/ 4/77

TIME (PST) 1135

TAPE CZ0/78/ 8-279

LONG W123 11.86

PASS NO. 51

STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	30.64	7.98	23.89	1.84
2.1	2.1	30.64	7.98	23.89	1.15*
5.0	5.0	30.64	7.97	23.88	2.89
10.1	10.1	30.68	7.95	23.92	3.93
15.3	15.4	30.70	7.93	23.94	2.92*
20.0	20.1	30.71	7.92	23.95	2.14*
25.1	25.2	30.72	7.91	23.96	2.09*
30.1	30.2	30.72	7.91	23.96	1.86*
35.0	35.2	30.73	7.89	23.97	1.49*
40.0	40.2	30.73	7.90	23.97	2.43*
45.2	45.4	30.74	7.89	23.98	4.25*
50.3	50.5	30.79	7.87	24.02	4.23*
60.2	60.4	30.86	7.87	24.07	1.96*
70.0	70.3	30.87	7.87	24.08	6.31
80.2	80.6	30.94	7.86	24.14	3.62
90.1	90.5	31.05	7.85	24.22	4.39*
100.1	100.6	31.10	7.85	24.26	

MAX DEPTH 108.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 28.95
 DATE 5/ 4/77
 TIME (PST) 1151

TAPE CZ0/78/ 8-280
 LONG W123 11.04
 PASS NO. 53
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.54	8.21	23.78	4.48
2.2	2.2	30.58	8.12	23.82	7.09
5.2	5.3	30.56	7.93	23.83	7.33*
10.1	10.1	30.59	7.90	23.86	4.13*
15.0	15.1	30.62	7.89	23.88	3.90*
20.4	20.5	30.64	7.89	23.90	3.77*
25.3	25.4	30.67	7.89	23.93	4.04*
30.2	30.3	30.72	7.88	23.97	4.56
35.1	35.2	30.76	7.87	23.99	6.30
40.3	40.5	30.77	7.87	24.00	3.03*
45.1	45.3	30.77	7.87	24.00	1.97*
50.2	50.4	30.80	7.87	24.03	1.69*
60.2	60.5	30.83	7.87	24.05	2.26*
70.3	70.6	30.86	7.87	24.08	3.17*
80.2	80.6	30.89	7.86	24.10	4.12*
90.2	90.7	30.90	7.87	24.10	2.76*
100.2	100.7	30.94	7.86	24.14	4.08
110.4	110.9	31.07	7.85	24.24	5.39*
120.1	120.7	31.23	7.82	24.37	7.44
130.2	130.8	31.31	7.81	24.44	6.08*
140.1	140.8	31.40	7.79	24.51	9.03
150.0	150.8	31.48	7.78	24.57	1.36*
160.0	160.8	31.47	7.78	24.56	+
170.1	170.9	31.48	7.78	24.57	.93*
180.1	181.0	31.48	7.78	24.57	.82*
190.2	191.1	31.48	7.78	24.57	3.26*

MAX DEPTH 194.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 29.24
 DATE 5/ 4/77
 TIME (PST) 1208

TAPE CZ0/78/ 8-281
 LONG W123 10.40
 PASS NO. 55
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-v
.0	.0	30.49	8.10	23.75	6.86*
2.1	2.1	30.54	7.98	23.81	7.00*
5.1	5.2	30.57	7.92	23.84	7.19*
10.1	10.1	30.68	7.88	23.94	9.08
15.2	15.3	30.79	7.87	24.02	4.79
20.2	20.3	30.83	7.87	24.05	4.14*
25.3	25.4	30.87	7.86	24.08	3.83*
30.0	30.2	30.88	7.86	24.09	6.15
35.2	35.3	30.93	7.85	24.13	4.20*
40.1	40.3	30.95	7.85	24.15	4.08
45.3	45.5	30.98	7.84	24.18	4.78
50.1	50.4	31.01	7.84	24.20	3.21*
60.2	60.4	31.02	7.84	24.20	2.25*
70.2	70.6	31.01	7.84	24.20	+
80.1	80.4	31.01	7.84	24.20	+
90.3	90.8	31.11	7.83	24.27	9.08*
100.3	100.8	31.22	7.81	24.36	5.05
110.1	110.7	31.34	7.79	24.46	6.04*
120.2	120.9	31.45	7.77	24.55	6.97*
130.1	130.8	31.50	7.76	24.59	+
140.3	141.0	31.55	7.75	24.63	3.47*
150.2	151.0	31.56	7.75	24.64	1.06*
160.2	161.1	31.57	7.75	24.64	1.46*
170.0	170.9	31.57	7.75	24.64	+
180.2	181.1	31.59	7.74	24.66	2.47*
190.1	191.1	31.61	7.75	24.68	3.26*

MAX DEPTH 197.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT 1148 29.40
 DATE 5/ 4/77
 TIME (PST) 1224

TAPE C20/78/ 8-282
 LONG W123 9.50
 PASS NO. 57
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.49	8.13	23.75	7.87
2.1	2.1	30.50	8.03	23.77	2.34*
5.0	5.1	30.54	7.91	23.82	6.15
10.2	10.3	30.54	7.91	23.82	4.82
15.1	15.1	30.57	7.90	23.84	5.52*
20.2	20.3	30.66	7.88	23.92	5.81*
25.2	25.3	30.69	7.88	23.94	5.12*
30.2	30.3	30.74	7.87	23.98	4.74*
35.1	35.3	30.81	7.86	24.03	4.81*
40.1	40.3	30.84	7.86	24.06	5.37*
45.0	45.2	30.86	7.86	24.08	6.71*
50.1	50.3	31.00	7.85	24.19	6.10*
60.0	60.3	31.05	7.84	24.23	3.89*
70.1	70.4	31.14	7.83	24.30	5.12
80.4	80.7	31.24	7.82	24.38	5.57*
90.2	90.7	31.38	7.79	24.49	3.00*
100.2	100.7	31.41	7.79	24.52	5.06*
110.0	110.6	31.53	7.76	24.62	5.84
120.2	120.8	31.60	7.74	24.68	3.06*
130.0	130.7	31.62	7.73	24.69	3.53*
140.0	140.8	31.68	7.72	24.74	5.80*
150.0	150.8	31.80	7.69	24.83	+
160.2	161.1	31.30	7.69	24.83	1.23*
170.2	171.1	31.81	7.69	24.84	1.79*
180.1	181.1	31.82	7.69	24.85	7.33*
190.1	191.1	31.82	7.69	24.85	3.81*
200.1	201.2	31.83	7.69	24.86	3.12*
210.0	211.2	31.89	7.68	24.90	4.06
220.2	221.3	31.89	7.68	24.91	+
230.1	231.4	31.95	7.66	24.95	+
240.2	241.6	32.01	7.65	25.01	+
250.2	251.6	32.04	7.64	25.03	2.22*
260.1	261.6	32.05	7.64	25.04	2.50*
270.1	271.6	32.09	7.63	25.07	+

MAX DEPTH 272.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 29.75
 DATE 5/ 4/77
 TIME (PST) 1242

TAPE CZ0/78/ 8-283
 LONG W123 8.86
 PASS NO. 59
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.59	8.05	23.84	7.41
2.2	2.2	30.60	8.00	23.85	7.55
5.1	5.1	30.64	7.92	23.89	4.35
10.4	10.4	30.70	7.89	23.95	8.90*
15.1	15.2	30.74	7.87	23.98	5.07*
20.1	20.2	30.78	7.87	24.01	4.36*
25.1	25.2	30.80	7.86	24.03	3.73*
30.2	30.3	30.83	7.86	24.06	4.28*
35.1	35.3	30.86	7.85	24.08	4.88*
40.3	40.5	30.91	7.84	24.12	8.15
45.1	45.3	31.05	7.83	24.23	5.19
50.0	50.3	31.16	7.82	24.31	5.51
60.1	60.4	31.26	7.81	24.40	6.50
70.1	70.4	31.33	7.80	24.45	2.56*
80.2	80.6	31.35	7.80	24.47	2.96*
90.1	90.6	31.36	7.79	24.48	1.55*
100.3	100.8	31.45	7.77	24.55	7.01
110.1	110.6	31.70	7.71	24.75	11.08*
120.1	120.8	31.85	7.68	24.87	7.75*
130.3	131.0	31.90	7.67	24.92	3.29*
140.2	140.9	31.91	7.66	24.92	5.83
150.1	151.0	31.93	7.66	24.94	3.64
160.0	160.9	31.95	7.66	24.96	.96*
170.1	171.1	31.95	7.66	24.96	.48*
180.2	181.2	31.97	7.65	24.97	3.16*
190.1	191.2	32.01	7.64	25.01	3.53*
200.1	201.2	32.00	7.65	25.00	2.08*
210.1	211.2	32.04	7.63	25.03	2.50*
220.1	221.3	32.06	7.63	25.05	+
230.1	231.3	32.07	7.63	25.06	+
240.1	241.5	32.11	7.62	25.09	+
250.0	251.4	32.17	7.60	25.14	+
260.1	261.5	32.20	7.59	25.17	6.12
270.0	271.6	32.28	7.56	25.23	+
280.0	281.6	32.41	7.53	25.33	+
290.0	291.7	32.55	7.48	25.45	+

MAX DEPTH 298.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT 148 27.36
 DATE 5/ 4/77
 TIME (PST) 1337

TAPE C20/78/ 8-284
 LONG W123 15.61
 PASS NO. 61
 STN: LINE 1-A

DEPTH	PRESS	SAL	TEMP	SIGMA-T	Ek-v
.0	.0	30.47	8.21	23.72	2.10
2.1	2.1	30.47	8.18	23.73	5.85
5.1	5.1	30.54	8.11	23.79	7.59
10.2	10.2	30.56	8.09	23.81	3.08*
15.1	15.2	30.56	8.09	23.81	1.60*
20.1	20.2	30.58	8.06	23.83	2.08*
25.2	25.3	30.59	8.06	23.84	2.03*
30.2	30.3	30.60	8.06	23.84	1.29*
35.1	35.2	30.60	8.06	23.84	4.44*
MAX DEPTH	38.3				

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 10 HAKO STRAIT 1977

LAT N48 27.76

DATE 5/ 4/77

TIME (PST) 1348

TAPE CZ0/78/ R-285

LONG W123 14.72

PASS NO. 63

STN: LINE 1-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.63	8.31	23.83	11.58
2.0	2.0	30.62	8.15	23.84	7.77
5.0	5.1	30.63	8.14	23.86	5.32*
10.1	10.1	30.68	7.96	23.92	4.57*
15.3	15.4	30.68	7.96	23.92	2.91*
20.0	20.1	30.68	7.95	23.92	1.53*
25.3	25.4	30.69	7.94	23.93	1.37*
30.1	30.2	30.69	7.94	23.93	
35.0	35.2	30.69	7.94	23.93	
40.2	40.4	30.69	7.94	23.93	

MAX DEPTH 41.5

CRUISE NO. 10 HAKO STRAIT 1977

LAT N48 28.02

DATE 5/ 4/77

TIME (PST) 1352

TAPE CZ0/78/ 8-286

LONG W123 13.86

PASS NO. 65

STN: LINE 1-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.70	8.00	23.93	6.79*
2.1	2.1	30.64	8.02	23.88	2.16*
5.1	5.2	30.73	7.91	23.97	5.59*
10.2	10.2	30.75	7.90	23.99	4.39*
15.0	15.1	30.78	7.89	24.01	3.20*
20.3	20.4	30.79	7.89	24.01	2.76*
25.1	25.2	30.79	7.89	24.01	+
30.0	30.2	30.79	7.89	24.01	1.98*
35.3	35.4	30.78	7.90	24.01	1.59*
40.1	40.3	30.79	7.89	24.02	
45.2	45.4	30.80	7.89	24.02	
50.4	50.6	30.80	7.89	24.02	+

MAX DEPTH 54.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 28.25
 DATE 5/ 4/77
 TIME (PST) 1406

TAPE CZ0/78/ 8-287
 LONG W123 13.23
 PASS NO. 67
 STN: LINE 1-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.42	8.32	23.67	9.57
2.1	2.1	30.44	8.21	23.70	6.79
5.1	5.1	30.49	8.15	23.75	8.60
10.1	10.2	30.55	8.06	23.81	6.37*
15.2	15.3	30.60	8.00	23.86	5.02
20.1	20.2	30.65	7.96	23.90	4.09*
26.3	26.4	30.65	7.96	23.90	+
30.2	30.3	30.65	7.96	23.90	2.45*
37.9	38.1	30.69	7.91	23.93	2.01*
40.2	40.4	30.69	7.95	23.93	4.02*
45.1	45.3	30.70	7.95	23.94	5.53*
50.2	50.4	30.78	7.92	24.01	+
60.3	60.6	30.80	7.91	24.02	2.18*
70.3	70.6	30.81	7.90	24.03	

MAX DEPTH 72.6

CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 28.48
 DATE 5/ 4/77
 TIME (PST) 1418

TAPE CZ0/78/ 8-288
 LONG W123 12.43
 PASS NO. 69
 STN: LINE 1-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.27	8.46	23.53	24.01*
2.0	2.0	30.61	8.03	23.85	18.61*
5.1	5.2	30.65	7.98	23.90	10.51*
10.1	10.2	30.67	7.96	23.91	4.05*
15.1	15.2	30.67	7.96	23.92	2.56*
20.1	20.2	30.70	7.95	23.94	3.01*
25.0	25.1	30.70	7.95	23.94	4.76*
30.3	30.5	30.76	7.93	23.98	4.92
35.3	35.4	30.77	7.93	24.00	3.92*
40.1	40.3	30.77	7.93	23.99	+
45.2	45.4	30.77	7.93	23.99	1.62*
50.2	50.4	30.78	7.93	24.00	.69*
60.4	60.6	30.79	7.93	24.01	2.67*
70.2	70.5	30.79	7.93	24.01	+
80.2	80.6	30.80	7.92	24.02	2.21
90.4	90.8	30.94	7.88	24.14	10.16
100.4	100.8	30.92	7.89	24.12	+
110.3	110.8	30.86	7.90	24.07	+
120.0	120.6	31.07	7.86	24.24	4.01*
130.2	130.8	31.09	7.85	24.25	

MAX DEPTH 134.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 28.74
 DATE 5/ 4/77
 TIME (PST) 1436

TAPE CZ0/78/ 8-289
 LONG W123 11.86
 PASS NO. 71
 STN: LINE 1-F

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	30.35	8.17	23.64	13.24*
2.0	2.1	30.42	8.01	23.71	3.95*
5.1	5.2	30.62	7.92	23.88	10.25*
10.2	10.2	30.66	7.89	23.92	7.26*
15.0	15.1	30.67	7.89	23.92	4.27*
20.2	20.3	30.70	7.89	23.95	9.12
25.3	25.4	30.78	7.88	24.01	5.12
30.1	30.3	30.81	7.87	24.03	3.71*
35.0	35.2	30.83	7.87	24.05	2.54*
40.2	40.4	30.84	7.87	24.06	1.52*
45.0	45.2	30.84	7.87	24.05	3.67
50.1	50.4	30.84	7.88	24.06	4.68*
60.2	60.4	30.83	7.89	24.05	+
70.1	70.4	30.89	7.88	24.09	6.55*
80.1	80.5	30.84	7.89	24.06	+
90.2	90.6	30.84	7.89	24.05	+
100.1	100.6	30.94	7.87	24.13	4.54
110.3	110.8	31.08	7.84	24.25	+
120.1	120.7	31.22	7.82	24.36	4.54
130.2	130.8	31.26	7.81	24.40	5.90*

MAX DEPTH 139.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 28.95
 DATE 5/ 4/77
 TIME (PST) 1447

TAPE CZ0/78/ 8-290
 LONG W123 11.04
 PASS NO. 73
 STN: LINE 1-G

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.40	8.18	23.67	29.07*
2.1	2.1	30.39	8.22	23.66	23.50*
5.2	5.3	30.42	8.19	23.69	15.28*
10.1	10.1	30.59	8.03	23.84	11.24
15.3	15.4	30.69	7.91	23.94	4.43
20.2	20.3	30.70	7.90	23.95	5.61*
25.0	25.1	30.75	7.92	23.98	2.96*
30.1	30.3	30.74	7.92	23.97	2.42*
35.3	35.4	30.73	7.92	23.97	+
40.2	40.4	30.74	7.93	23.97	1.35*
45.0	45.2	30.74	7.93	23.97	1.00*
50.2	50.4	30.75	7.92	23.98	1.01*
60.3	60.6	30.74	7.93	23.97	+
70.1	70.4	30.77	7.94	23.99	5.07
80.1	80.4	30.78	7.94	24.00	+
90.2	90.6	30.79	7.94	24.01	1.52*
100.1	100.5	30.79	7.94	24.01	1.40*
110.2	110.7	30.79	7.94	24.01	2.17*
120.1	120.7	30.84	7.93	24.05	4.48
130.2	130.8	30.85	7.93	24.06	+
140.1	140.7	30.89	7.71	24.12	10.52*
150.4	151.1	31.02	7.89	24.20	+
160.1	160.9	31.25	7.83	24.38	7.46*
170.2	171.0	31.25	7.83	24.39	+
180.2	181.1	31.27	7.83	24.40	6.48
190.0	191.0	31.45	7.78	24.55	8.42
200.2	201.2	31.56	7.75	24.64	+
210.0	211.2	31.95	7.65	24.96	6.36

MAX DEPTH 214.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 29.24
 DATE 5/ 4/77
 TIME (PST) 1502

TAPE CZ0/78/ 8-291
 LONG W123 10.40
 PASS NO. 75
 STN: LINE 1-H

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.64	7.97	23.89	.78
2.0	2.0	30.64	7.95	23.89	1.19*
5.2	5.2	30.64	7.95	23.89	3.00
10.1	10.2	30.69	7.93	23.93	5.23
15.0	15.1	30.70	7.93	23.94	6.50*
20.2	20.3	30.79	7.89	24.01	5.74*
25.0	25.2	30.85	7.89	24.07	3.67*
30.3	30.4	30.85	7.89	24.06	3.99
35.3	35.5	30.91	7.91	24.11	5.35
40.2	40.4	30.96	7.91	24.15	3.23*
45.3	45.5	30.96	7.91	24.15	3.61
50.2	50.4	30.96	7.91	24.15	4.54*
60.1	60.4	31.00	7.91	24.18	5.24*
70.2	70.5	31.07	7.89	24.24	4.78*
80.0	80.4	31.09	7.89	24.25	+
90.5	90.9	31.14	7.87	24.29	3.06*
100.2	100.6	31.14	7.87	24.29	+
110.1	110.7	31.15	7.85	24.30	+
120.4	120.9	31.12	7.84	24.28	3.53*
130.1	130.7	31.12	7.84	24.28	+
140.2	140.9	31.30	7.80	24.43	6.06
150.3	151.0	31.43	7.78	24.53	+
160.3	161.1	31.48	7.77	24.57	6.08*
170.2	171.0	31.52	7.76	24.60	+
180.0	181.0	31.54	7.75	24.62	5.86
190.0	191.0	31.60	7.74	24.67	4.25
200.2	201.3	31.84	7.68	24.87	+
210.3	211.5	32.21	7.58	25.17	7.22

MAX DEPTH 216.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARG STRAIT 1977
 LAT N48 29.46
 DATE 5/ 4/77
 TIME (PST) 1516

TAPE CZ078/ 8-292
 LONG W123 9.50
 PASS NO. 77
 STN: LINE 1-I

DEPTH	PRESS	SAL	TEMP	SIGMA-T	P-V
.0	.0	30.64	8.05	23.87	3.14*
2.2	2.2	30.61	8.07	23.85	1.53*
5.1	5.1	30.66	7.98	23.90	3.99*
10.3	10.3	30.69	7.90	23.93	4.65*
15.1	15.2	30.71	7.88	23.95	5.70*
20.3	20.4	30.79	7.86	24.02	5.20*
25.2	25.3	30.84	7.86	24.06	4.62*
30.0	30.2	30.88	7.87	24.09	4.11
35.2	35.3	30.91	7.87	24.11	3.46*
40.2	40.4	30.94	7.87	24.14	3.53
45.1	45.3	30.96	7.86	24.15	4.72
50.3	50.6	30.98	7.86	24.17	2.16*
60.3	60.6	30.98	7.86	24.17	.88*
70.3	70.6	31.04	7.84	24.22	4.86*
80.2	80.6	31.17	7.83	24.32	5.11*
90.2	90.6	31.23	7.81	24.37	3.27*
100.3	100.7	31.26	7.81	24.39	2.21*
110.2	110.6	31.27	7.81	24.40	3.06*
122.1	122.7	31.29	7.81	24.42	4.56
130.3	130.9	31.38	7.79	24.49	8.08*
140.2	140.9	31.47	7.77	24.57	4.06
150.0	150.8	31.55	7.75	24.63	2.52*
160.3	161.1	31.58	7.74	24.66	3.45*
170.2	171.1	31.60	7.74	24.67	5.25*
180.2	181.1	31.76	7.70	24.80	5.70*
190.1	191.2	31.93	7.66	24.94	6.59*
200.2	201.3	32.03	7.63	25.02	3.83*
210.2	211.4	32.02	7.63	25.01	2.67*
220.3	221.5	32.07	7.61	25.06	5.10
230.1	231.4	31.99	7.63	24.99	+
240.3	241.6	32.06	7.61	25.05	+
250.0	251.5	32.29	7.56	25.24	+
260.0	261.6	32.42	7.51	25.35	+

MAX DEPTH 263.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 29.75
 DATE 5/ 4/77
 TIME (PST) 1532

TAPE CZ0/78/ 8-293
 LONG W123 8.86
 PASS NO. 79
 STN: LINE 1-J

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.87	7.91	24.08	.86*
2.1	2.1	30.86	7.91	24.07	.50*
5.2	5.3	30.85	7.91	24.06	1.27*
10.1	10.1	30.87	7.91	24.07	1.67*
15.1	15.1	30.88	7.91	24.08	+
20.0	20.1	30.86	7.88	24.07	2.49*
25.0	25.1	30.85	7.88	24.07	2.89*
30.0	30.2	30.86	7.87	24.07	+
35.1	35.2	30.87	7.87	24.09	3.71*
40.2	40.4	30.91	7.88	24.11	2.19*
45.0	45.2	30.92	7.88	24.12	.60*
50.2	50.4	30.92	7.88	24.12	.91*
60.1	60.4	30.92	7.89	24.12	1.53*
70.2	70.5	30.95	7.89	24.14	1.10*
80.2	80.5	30.96	7.89	24.15	3.72
90.1	90.6	31.00	7.87	24.18	2.99*
100.1	100.6	31.01	7.86	24.19	1.96*
110.2	110.8	31.03	7.85	24.21	1.04*
120.0	120.6	31.03	7.85	24.21	1.22*
130.2	130.8	31.03	7.85	24.21	1.65*
140.3	140.9	31.06	7.85	24.23	4.90
150.0	150.8	31.09	7.85	24.25	2.07*
160.1	160.9	31.08	7.86	24.25	+
170.2	171.0	31.09	7.86	24.26	3.74
180.2	181.0	31.10	7.85	24.27	+
190.2	191.1	31.15	7.85	24.31	4.34*
200.0	201.0	31.19	7.84	24.34	2.70*
210.1	211.1	31.18	7.84	24.33	3.55
220.1	221.2	31.19	7.84	24.34	+
230.1	231.2	31.23	7.83	24.37	+
240.1	241.3	31.32	7.82	24.44	+
250.1	251.4	31.42	7.80	24.52	6.01
260.0	261.3	31.48	7.80	24.57	5.52
270.3	271.7	31.61	7.77	24.68	9.30*
280.2	281.7	32.02	7.65	25.01	7.64
290.1	291.8	32.16	7.61	25.13	6.41*
300.2	301.9	32.26	7.57	25.21	5.55*
310.0	311.8	32.36	7.55	25.30	

MAX DEPTH 316.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HAKO STRAIT 1977
 LAT N48 46.04
 DATE 6/ 4/77
 TIME (PST) 0831

TAPE CZ0/78/ 8-294
 LONG W123 1.80
 PASS NO. 83
 STN: LINE 5-B

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.56	8.04	23.03	6.04*
2.1	2.1	29.58	8.03	23.05	2.23*
5.1	5.1	29.60	8.02	23.07	5.66*
10.1	10.1	29.76	7.99	23.19	5.28*
15.3	15.4	29.81	7.99	23.24	4.89*
20.2	20.3	29.88	7.99	23.29	3.52*
25.2	25.3	29.89	7.98	23.30	2.11*
30.1	30.2	29.90	7.98	23.31	7.90
35.2	35.4	29.97	7.97	23.36	4.47*
40.1	40.3	29.98	7.97	23.38	2.54*
45.1	45.3	29.98	7.97	23.37	3.28*
50.3	50.5	30.00	7.97	23.38	3.79*
60.1	60.3	30.08	7.96	23.45	7.96
70.2	70.5	30.32	7.93	23.64	+
80.3	80.7	30.41	7.92	23.72	7.62*
90.1	90.5	30.39	7.92	23.70	4.59
100.2	100.7	30.32	7.93	23.65	+
110.2	110.7	30.49	7.91	23.78	9.81
120.3	120.9	30.59	7.90	23.85	9.57
130.2	130.8	30.72	7.89	23.96	10.49*
140.2	140.9	30.56	7.92	23.83	+
150.2	150.9	30.99	7.85	24.18	5.61
160.2	161.0	31.06	7.84	24.23	4.15*
170.1	170.9	31.15	7.82	24.31	2.21*
180.1	181.0	31.16	7.82	24.32	+
190.2	191.1	31.16	7.82	24.32	1.62*

MAX DEPTH 192.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 44.88
 DATE 6/ 4/77
 TIME (PST) 0851

TAPE CZ0/78/ 8-295
 LONG W123 .76
 PASS NO. 85
 STN: LINE 5-C

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.64	8.03	23.10	5.34
2.1	2.1	29.62	8.04	23.08	2.84*
5.1	5.2	29.69	8.03	23.14	7.18
10.1	10.1	29.90	8.00	23.30	9.02
15.3	15.4	29.99	7.97	23.38	6.62*
20.2	20.3	30.04	7.97	23.42	8.01
25.2	25.3	30.14	7.94	23.50	9.28*
30.2	30.3	30.14	7.94	23.50	4.72
35.1	35.2	30.20	7.93	23.55	5.02
40.1	40.3	30.21	7.93	23.56	4.34*
45.3	45.5	30.27	7.92	23.61	4.51*
50.0	50.3	30.28	7.92	23.62	4.96*
60.1	60.4	30.36	7.91	23.68	3.75*
70.3	70.6	30.39	7.91	23.70	2.42*
80.3	80.6	30.43	7.91	23.73	4.17*
90.2	90.5	30.50	7.90	23.79	6.02
100.0	100.5	30.52	7.91	23.80	

MAX DEPTH 101.9

CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 43.22
 DATE 6/ 4/77
 TIME (PST) 0908

TAPE CZ0/78/ 8-296
 LONG W122 59.27
 PASS NO. 87
 STN: LINE 5-D

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.63	8.12	23.08	7.30
2.0	2.0	29.58	8.14	23.04	8.11
5.1	5.1	29.70	8.10	23.14	13.44
10.1	10.1	29.98	7.98	23.37	9.88
15.2	15.3	30.08	7.95	23.45	5.06
20.1	20.2	30.11	7.94	23.48	3.93*
25.3	25.4	30.12	7.94	23.48	3.71*
30.2	30.3	30.15	7.94	23.51	2.44*
35.1	35.2	30.15	7.93	23.51	1.12*
40.3	40.5	30.15	7.94	23.51	1.05*
45.2	45.4	30.15	7.94	23.51	1.04*
50.3	50.5	30.15	7.94	23.51	+
60.2	60.4	30.16	7.94	23.51	2.08*
70.0	70.3	30.19	7.95	23.54	3.17*
80.0	80.4	30.20	7.95	23.55	2.72*
90.3	90.6	30.22	7.95	23.57	2.68*
100.2	100.6	30.26	7.94	23.60	+
110.0	110.5	30.45	7.91	23.75	4.90*
120.3	120.8	30.65	7.89	23.90	7.93

MAX DEPTH 127.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 HARO STRAIT 1977
 LAT N48 42.21
 DATE 6/ 4/77
 TIME (PST) 0919

TAPE CZ0/78/ 8-297
 LONG W122 58.36
 PASS NO. 89
 STN: LINE 5-E

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.84	8.07	23.25	8.43
2.1	2.1	29.86	8.04	23.27	6.14
5.1	5.1	29.86	8.04	23.27	4.71*
10.3	10.3	29.89	8.03	23.29	4.99
15.1	15.2	29.90	8.03	23.30	8.63
20.3	20.4	29.87	8.03	23.28	+
25.3	25.4	29.85	8.04	23.26	16.52
30.3	30.4	30.12	7.97	23.48	7.26*
35.2	35.4	30.10	7.97	23.47	5.54
40.0	40.2	30.14	7.96	23.50	4.53*
45.2	45.3	30.21	7.94	23.55	3.82*
50.3	50.5	30.21	7.94	23.56	3.51*
60.1	60.3	30.22	7.94	23.57	4.68
70.3	70.6	30.26	7.93	23.59	3.50
80.2	80.5	30.26	7.93	23.60	+
90.1	90.5	30.27	7.93	23.61	+
100.1	100.5	30.26	7.93	23.60	2.05*
110.2	110.7	30.31	7.93	23.63	1.41*
120.2	120.7	30.31	7.93	23.64	2.11*
130.1	130.6	30.32	7.92	23.65	2.32*
140.1	140.7	30.35	7.93	23.67	1.30*
150.2	150.8	30.36	7.92	23.68	2.26
160.3	160.9	30.47	7.92	23.76	+

MAX DEPTH 163.1

FIGURES

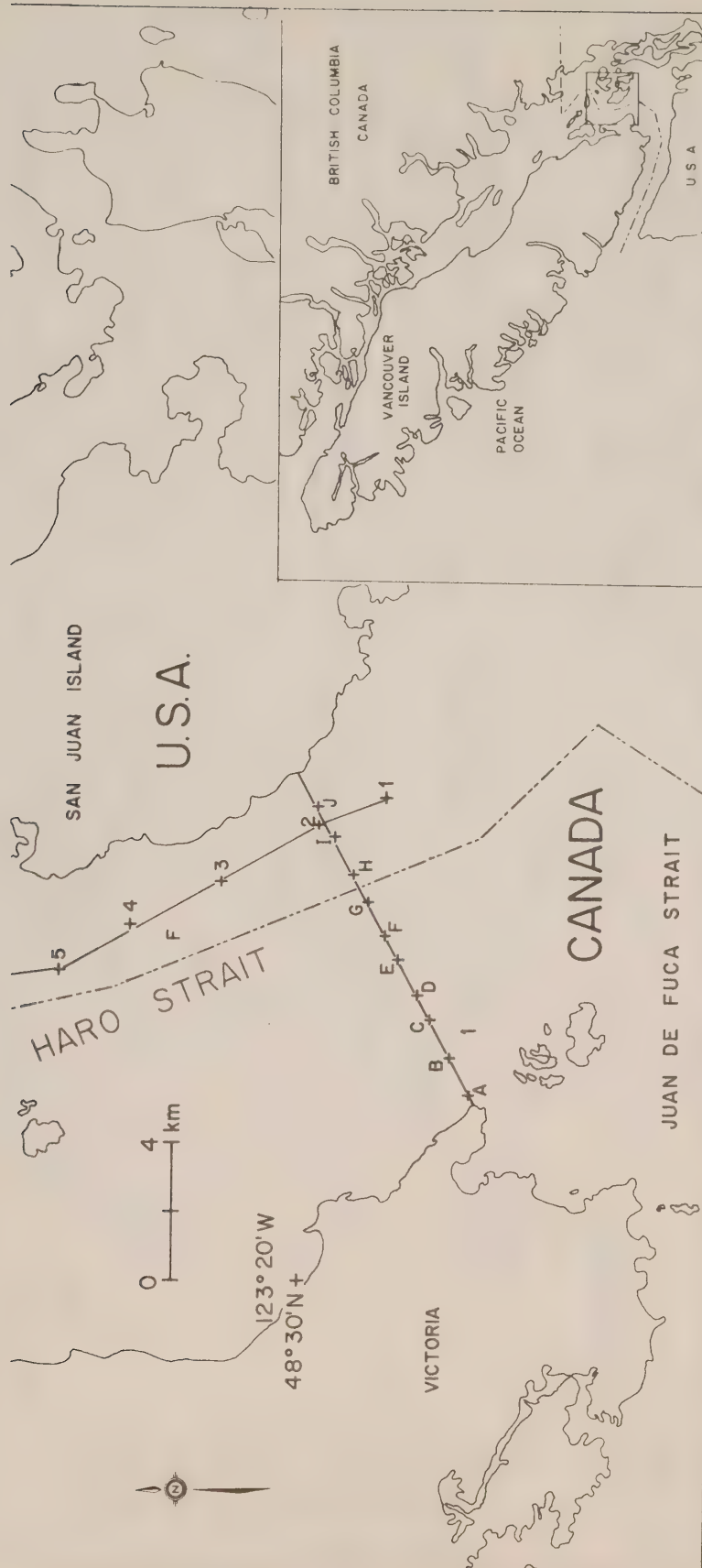


FIGURE 1 Stations of Line 1 and first half of Line F
Map of Haro Strait and Stations

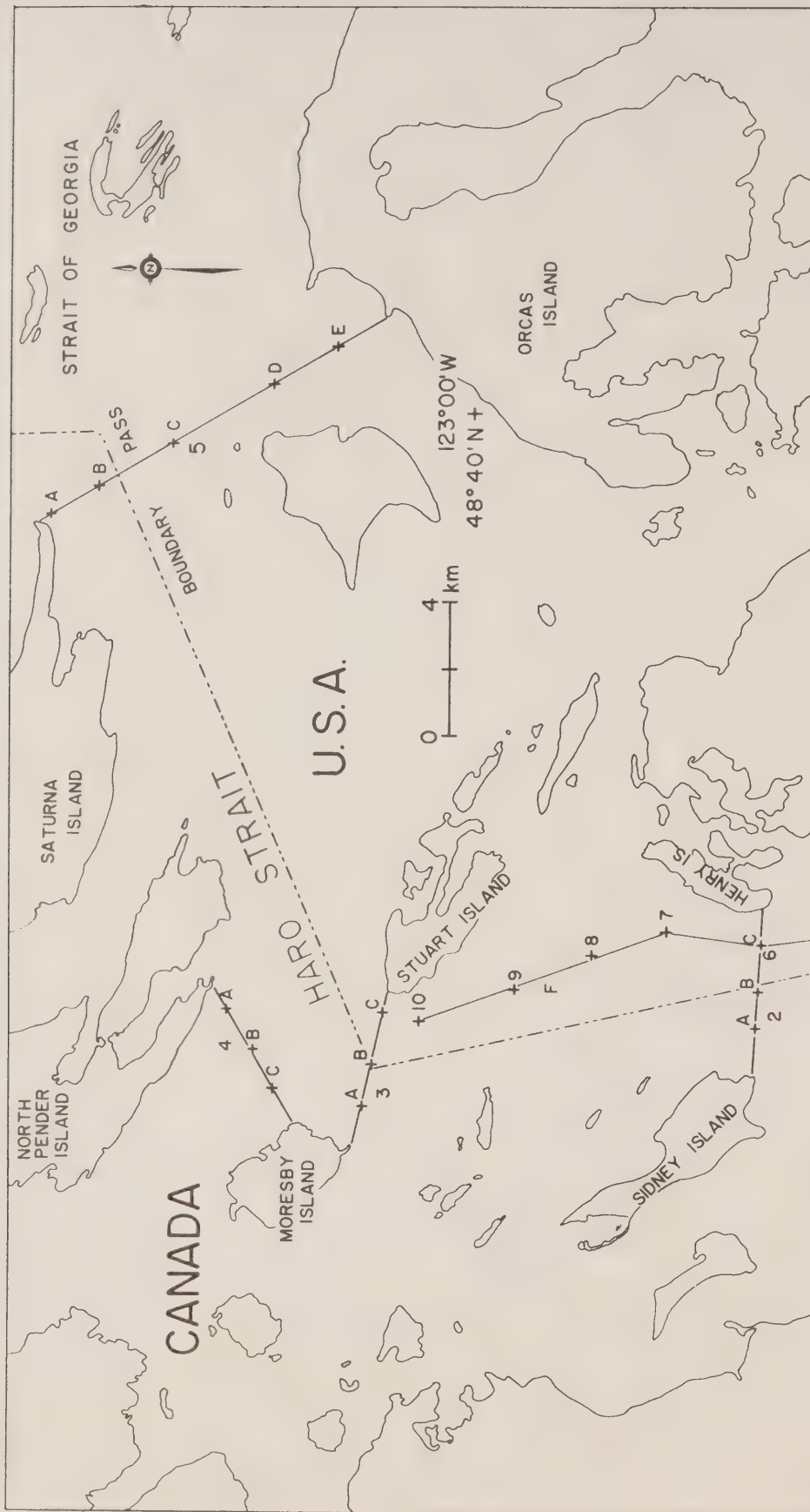


FIGURE 2 Stations of Lines 2, 3, 4, 5 and second half of Line F
Map of Haro Strait and Stations

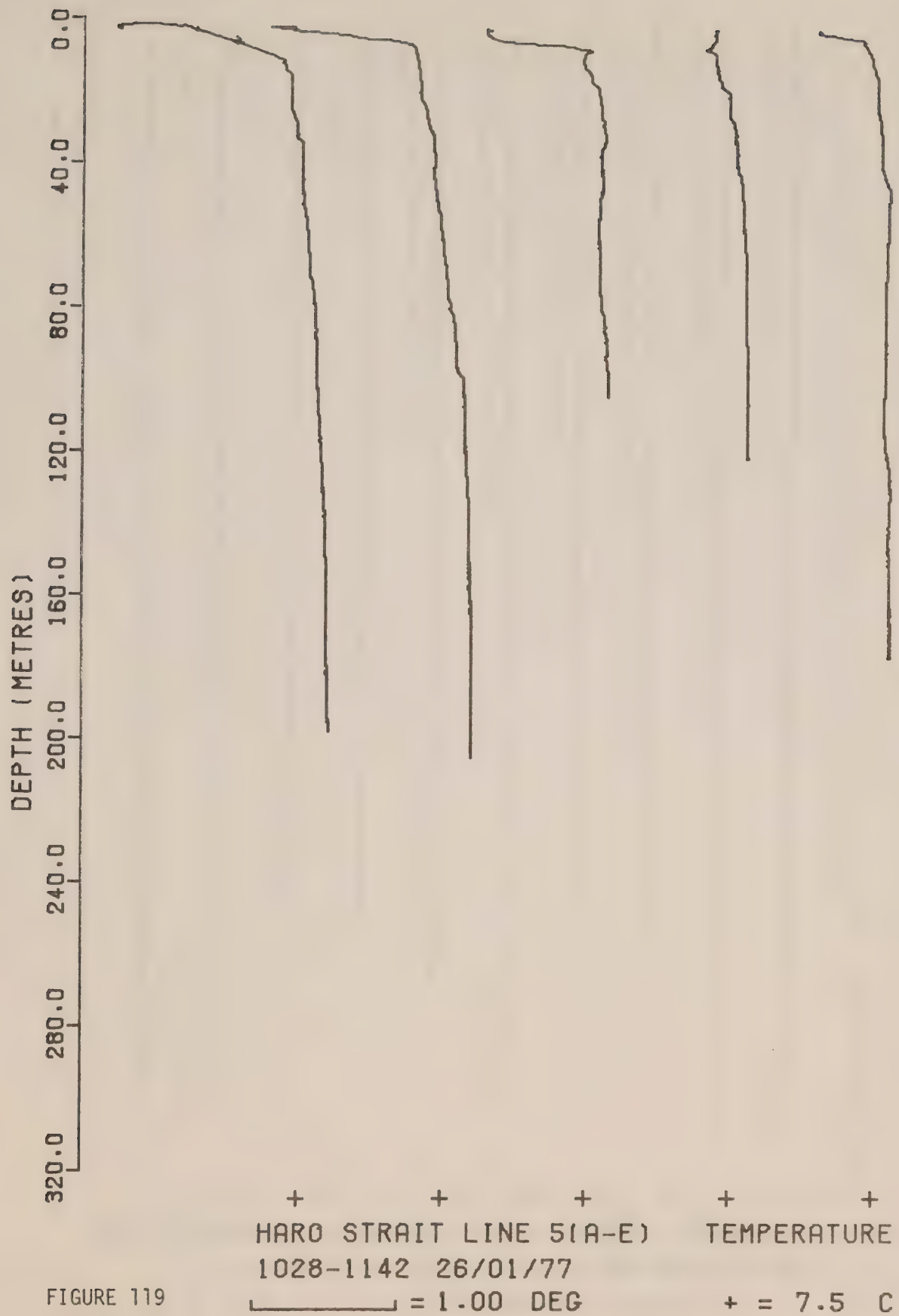


FIGURE 119

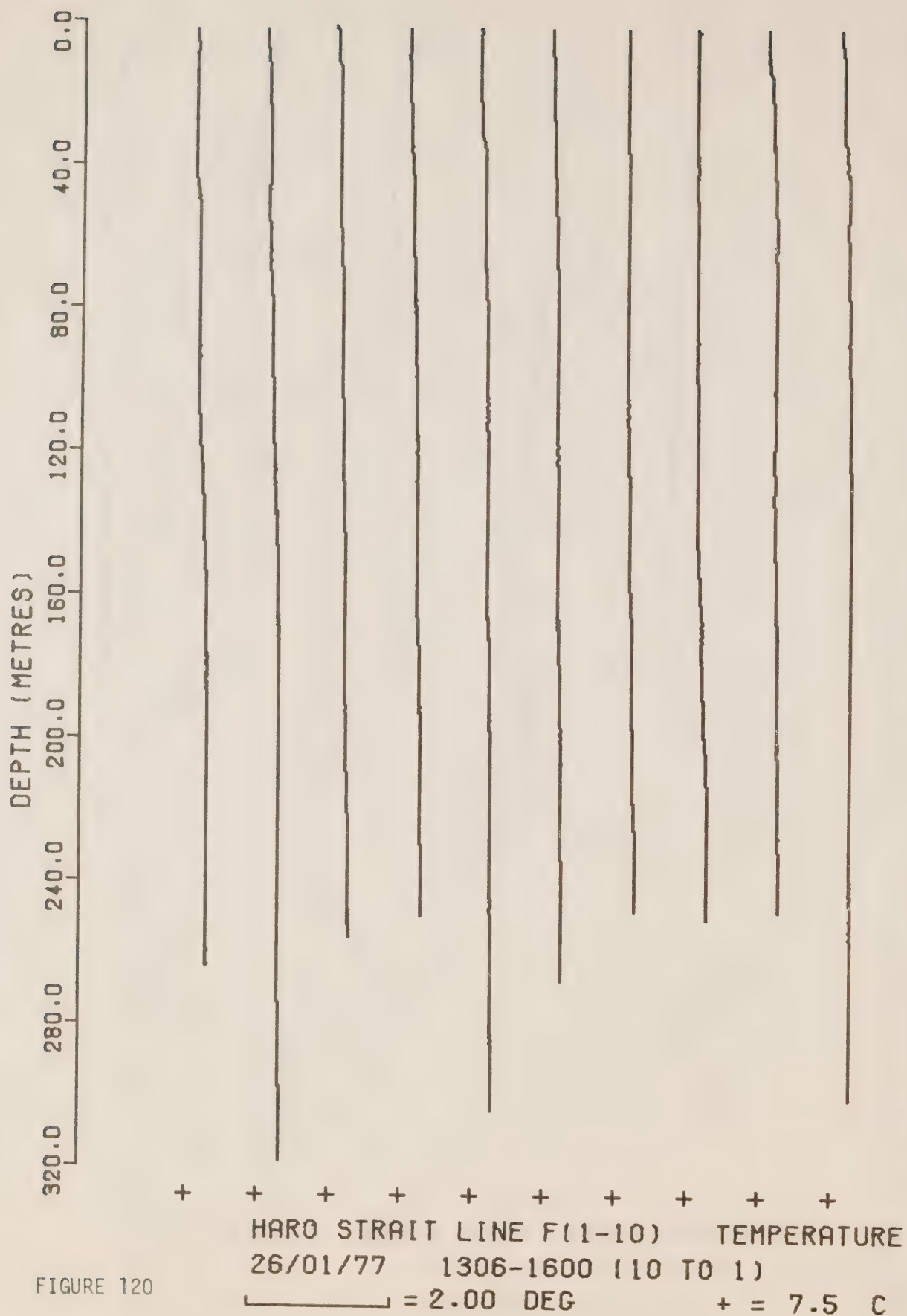


FIGURE 120

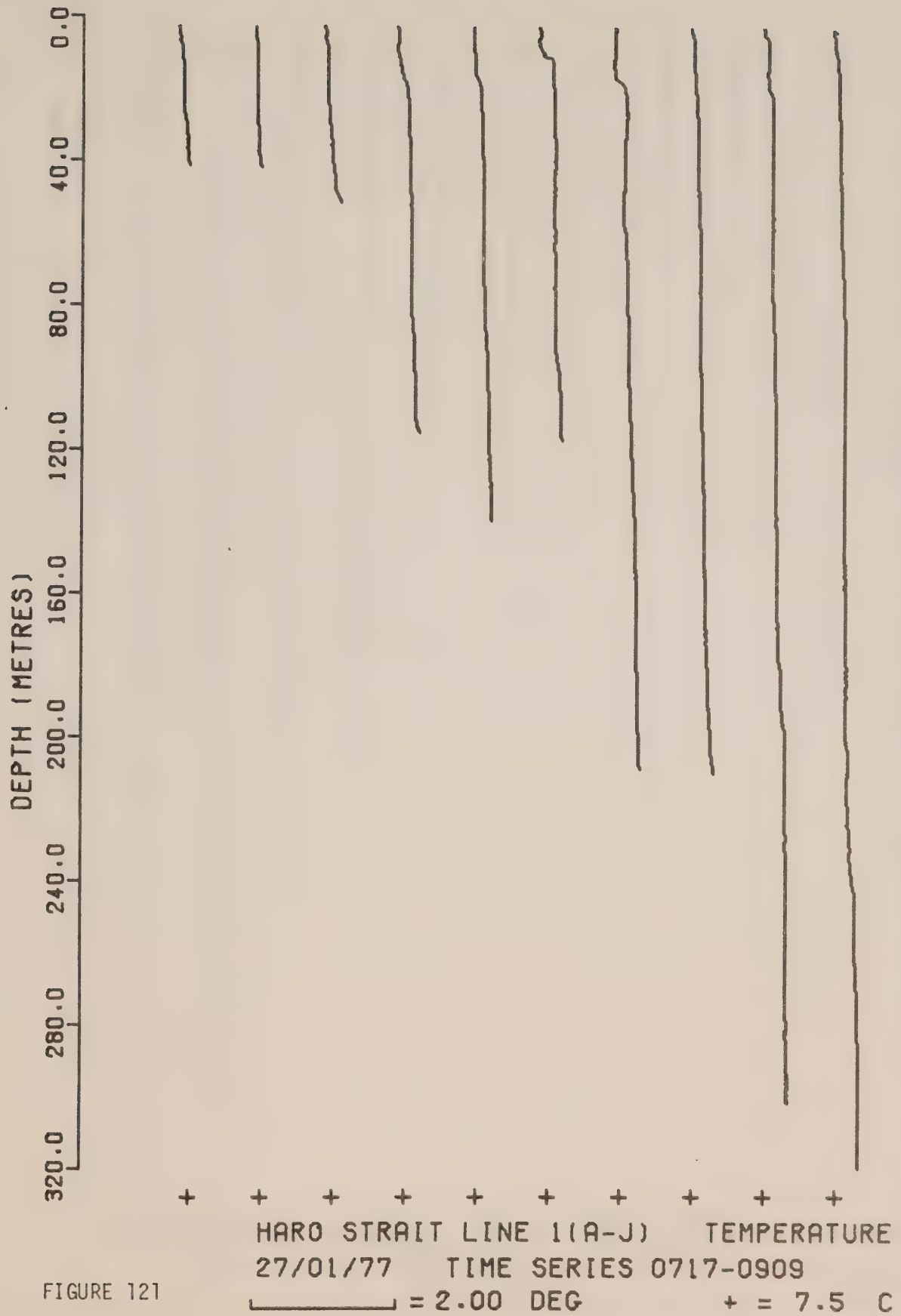


FIGURE 121

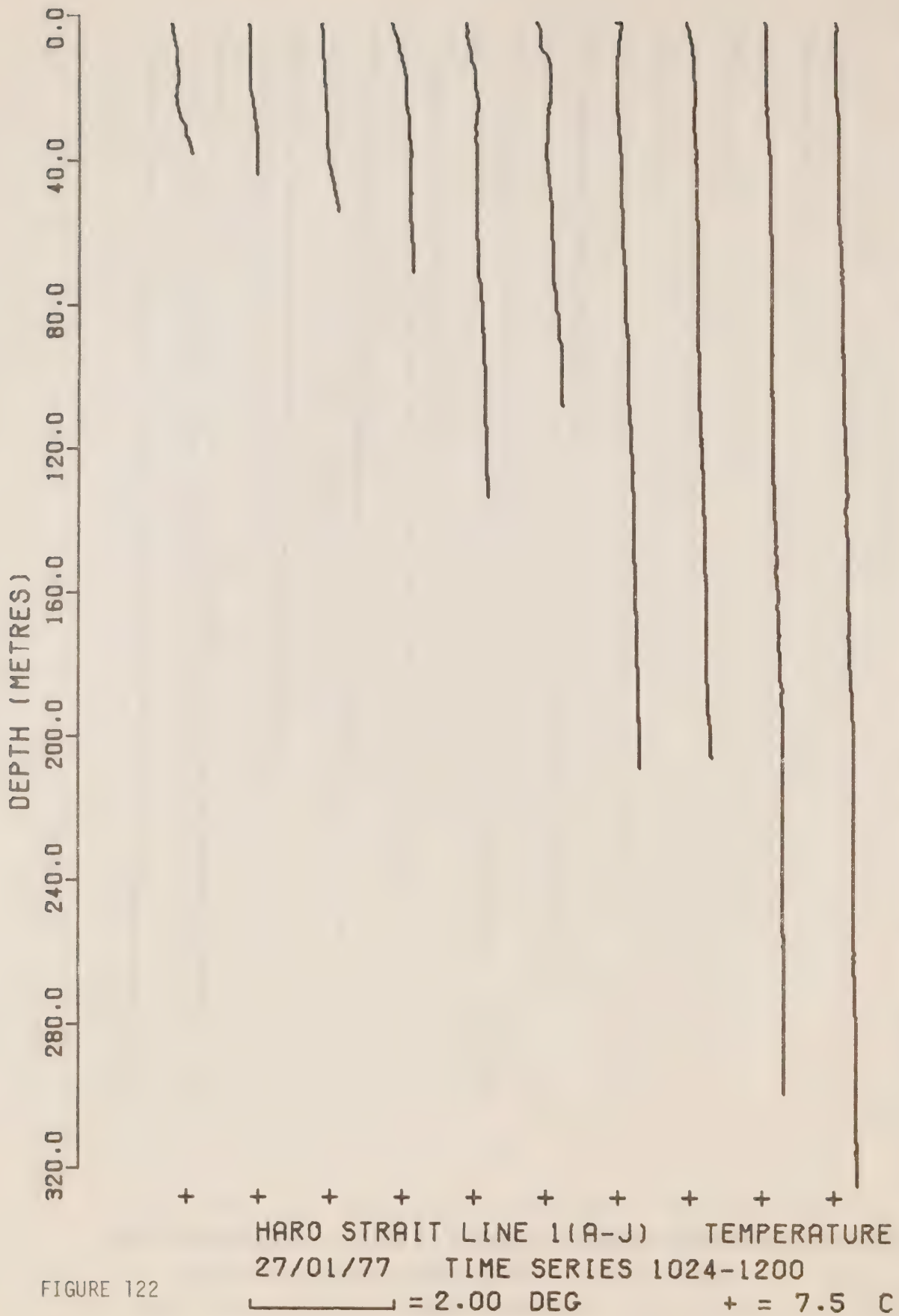


FIGURE 122

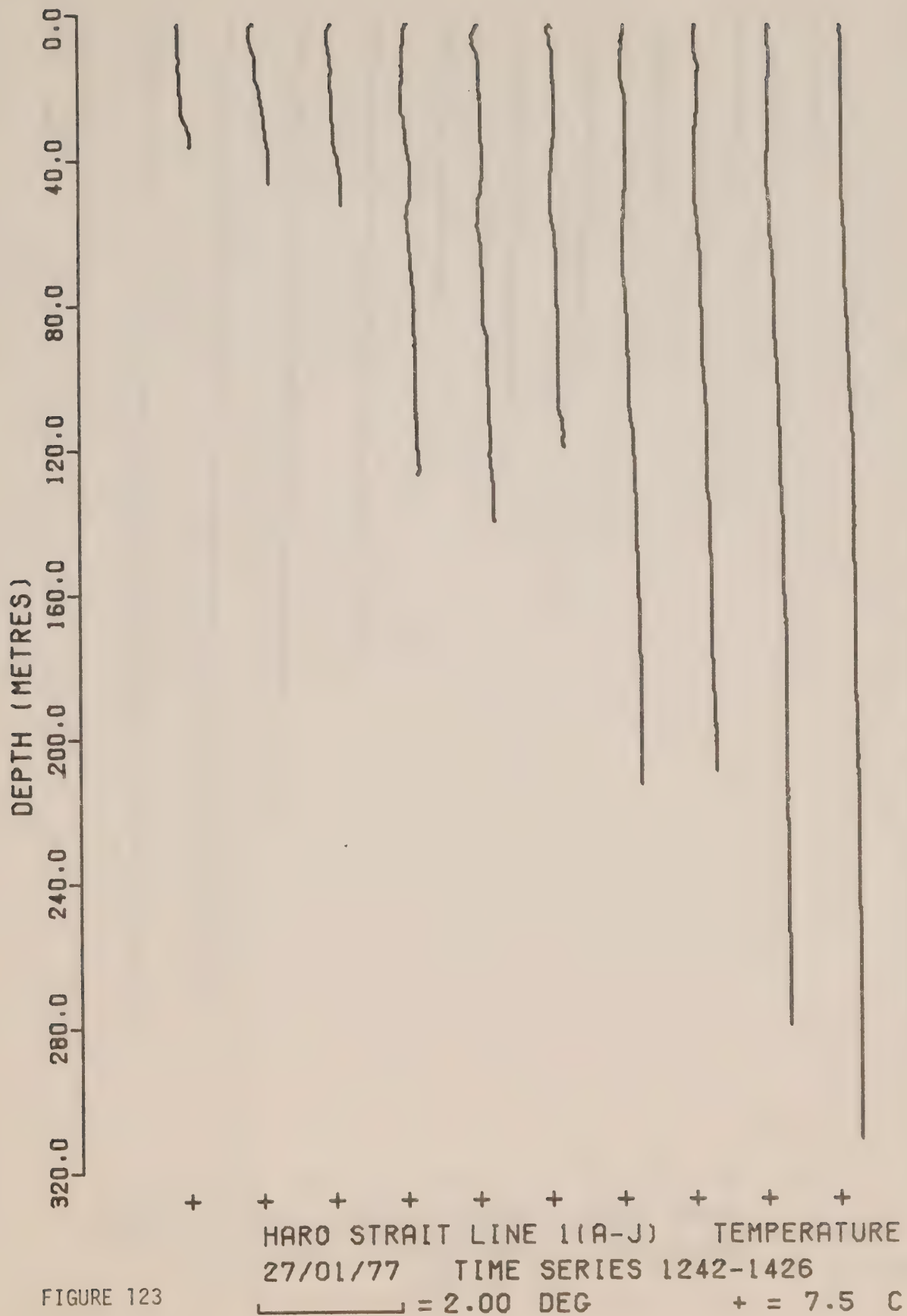


FIGURE 123

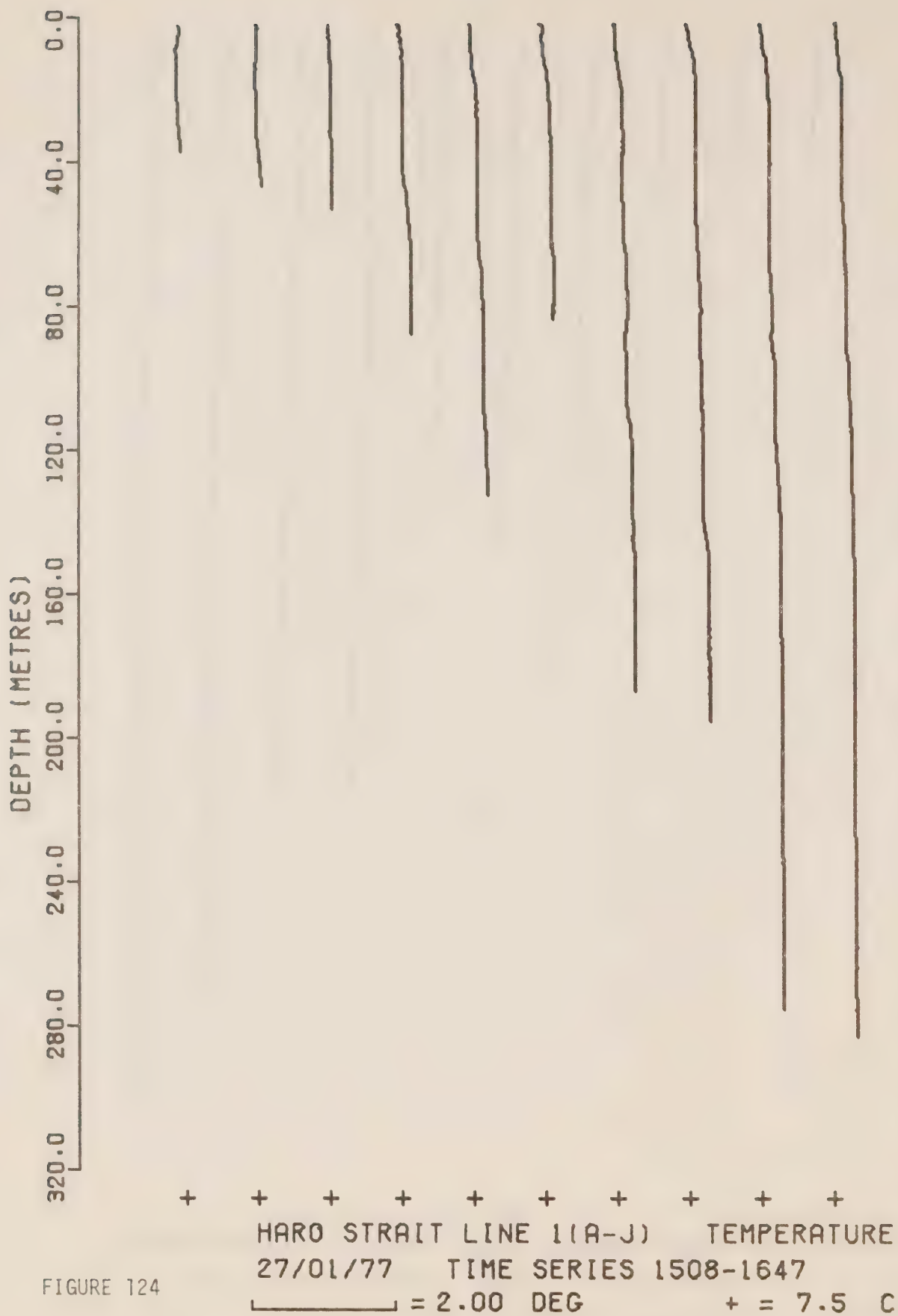


FIGURE 124

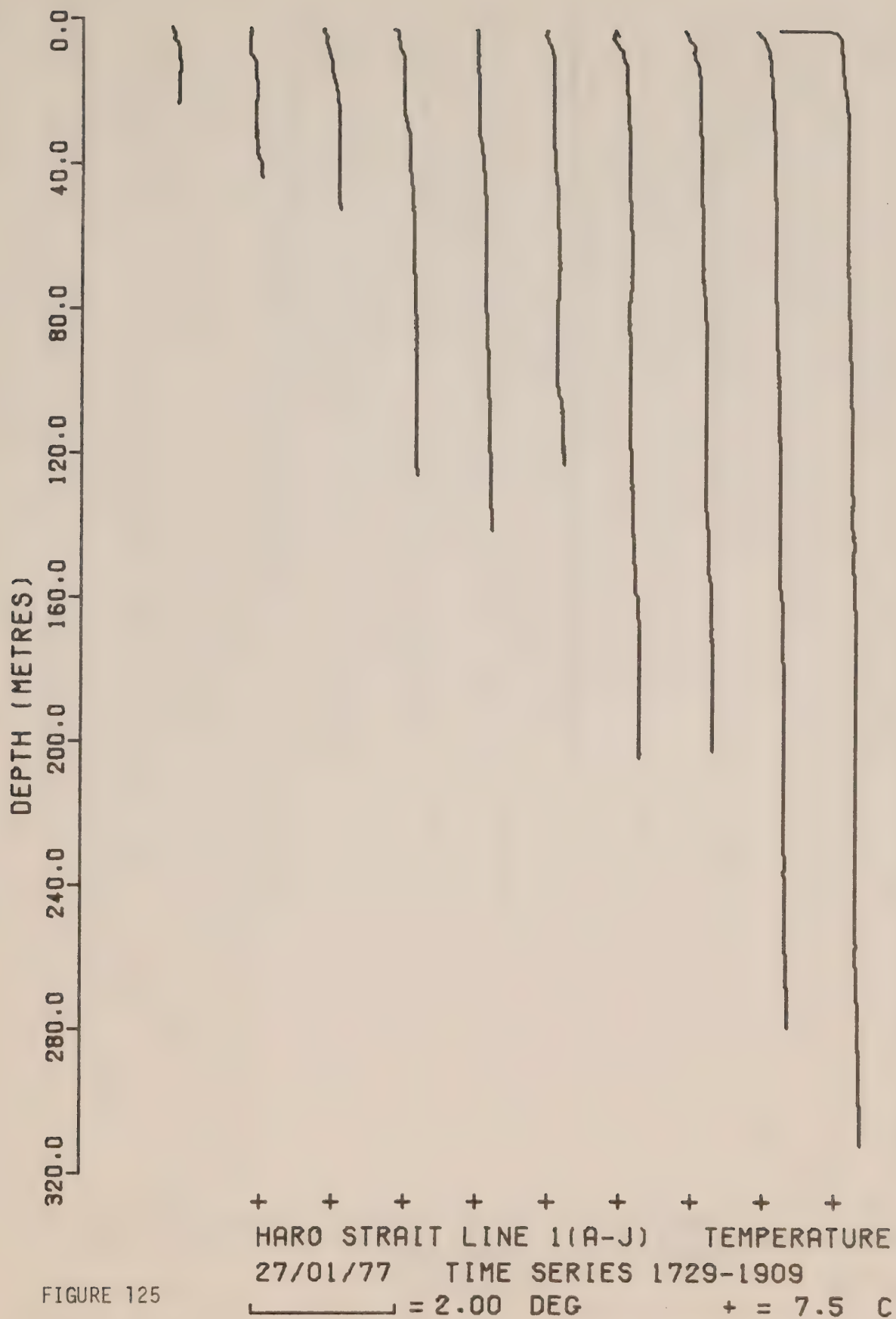


FIGURE 125

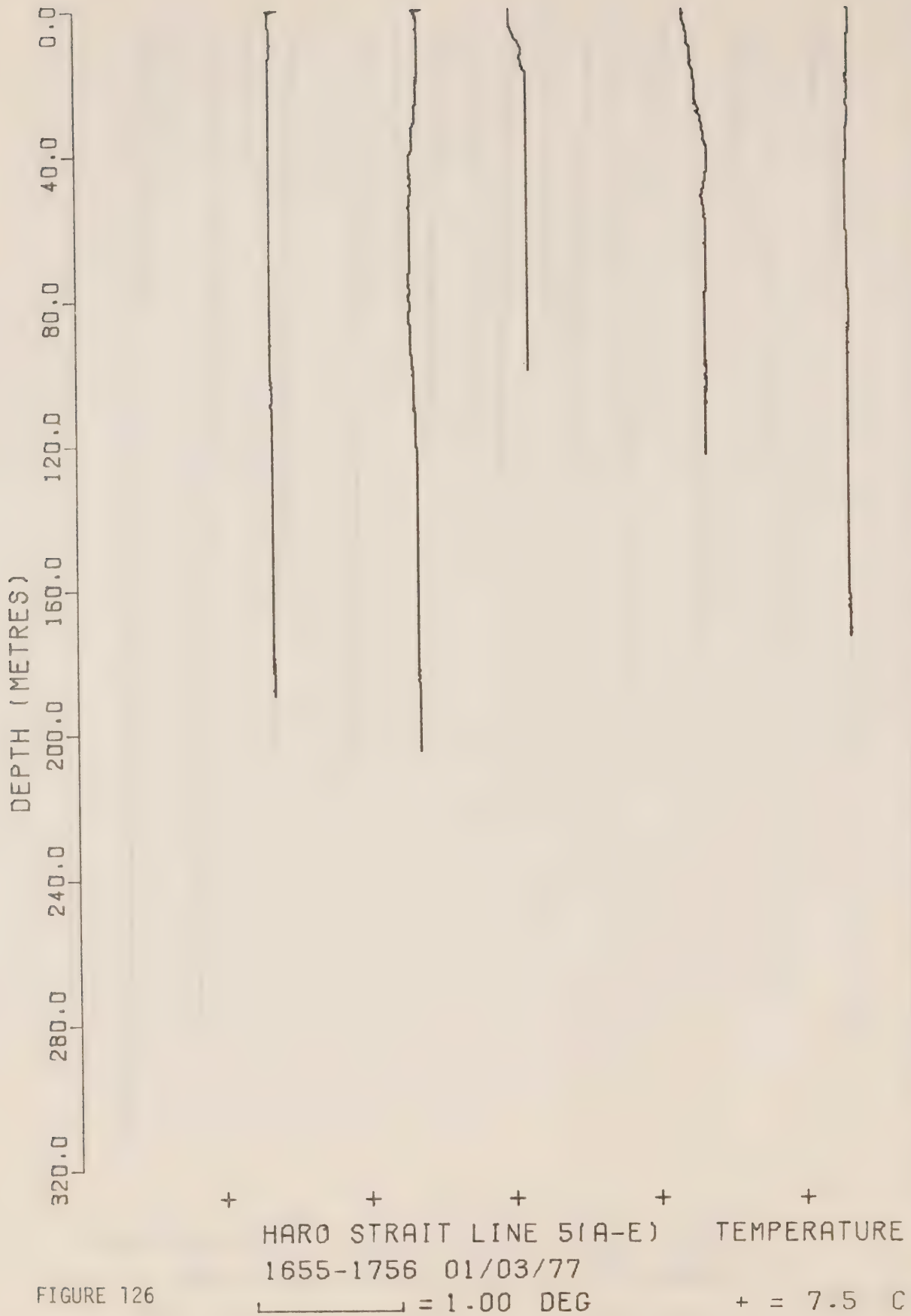


FIGURE 126

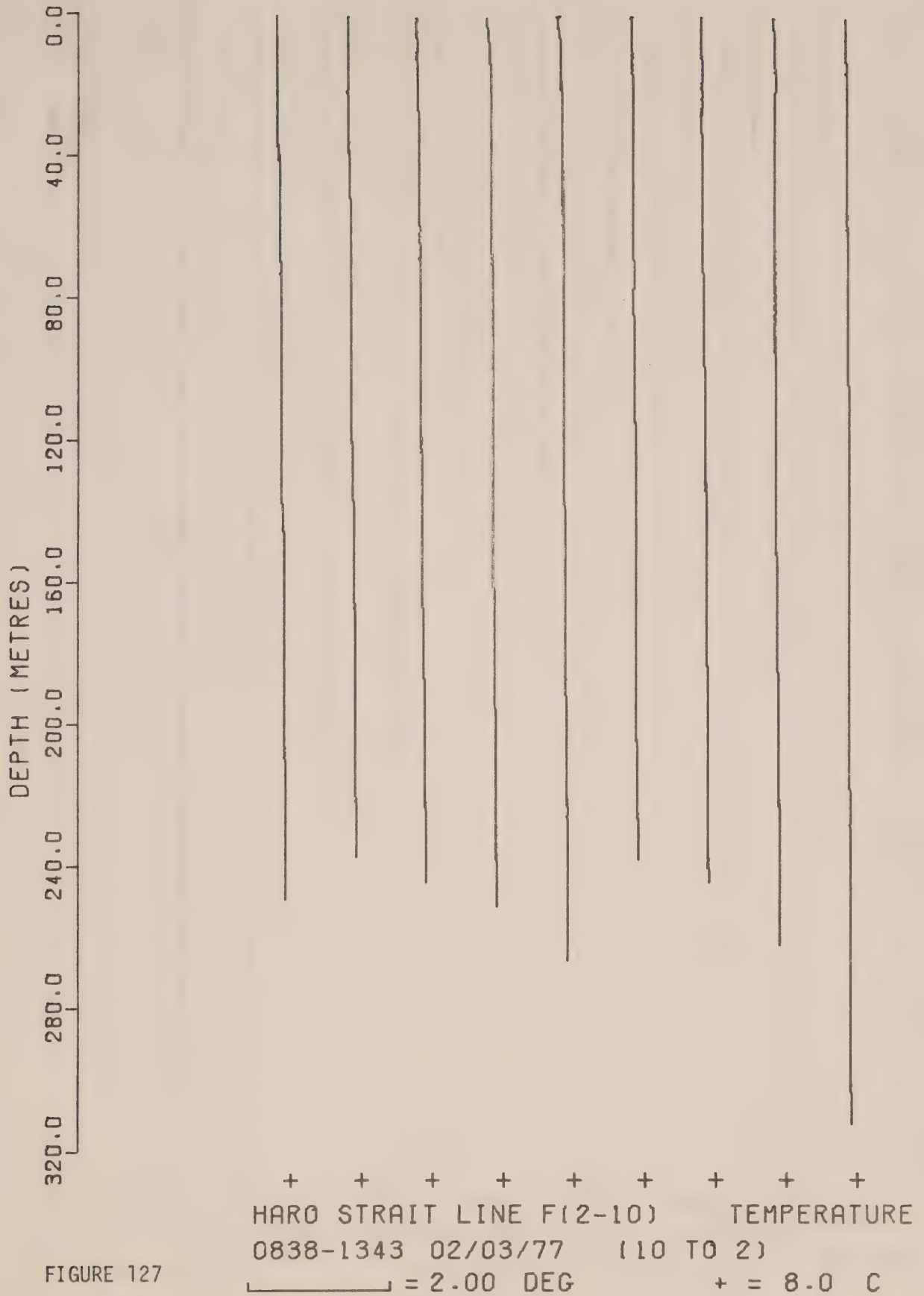


FIGURE 127

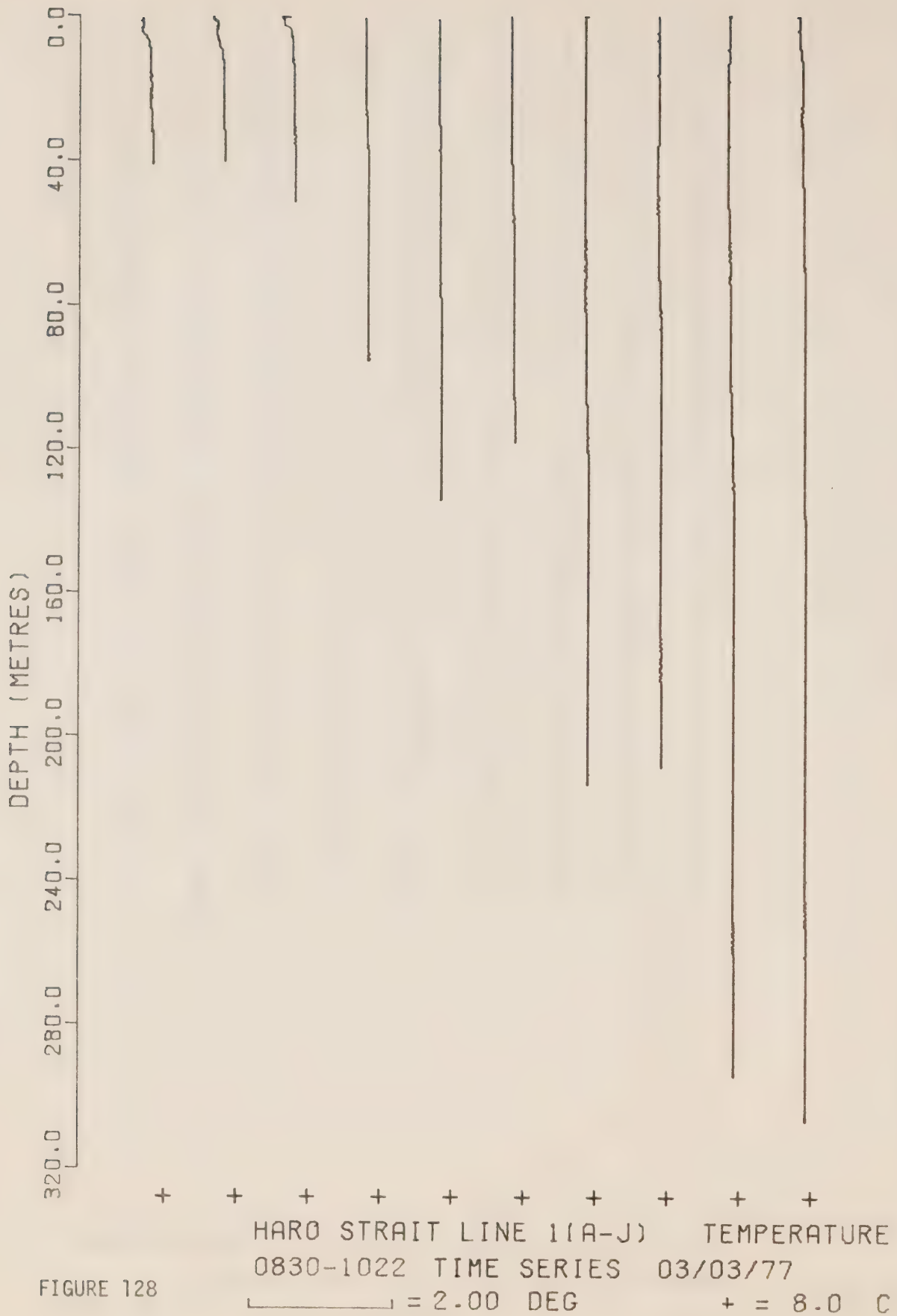


FIGURE 128

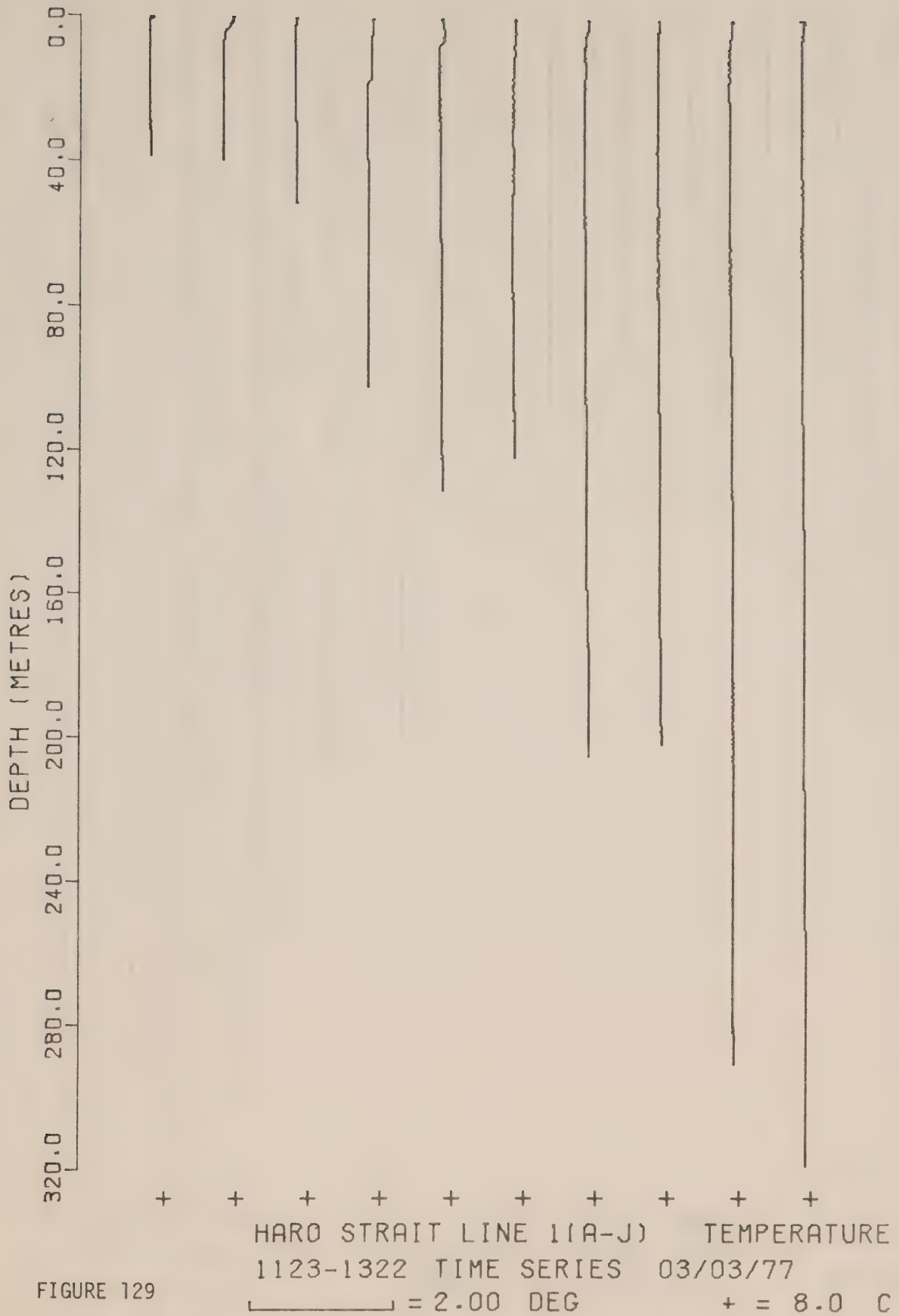


FIGURE 129

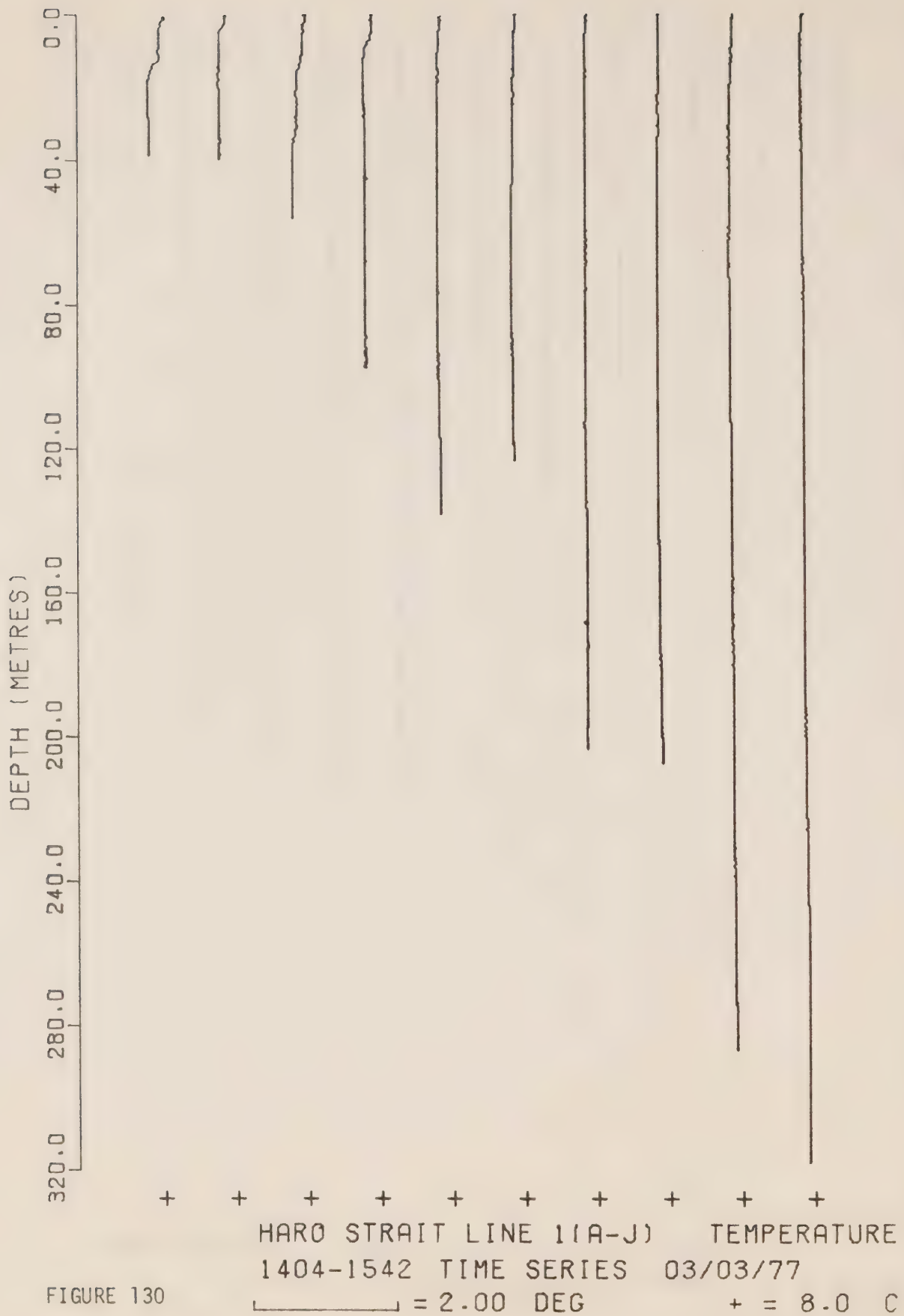


FIGURE 130

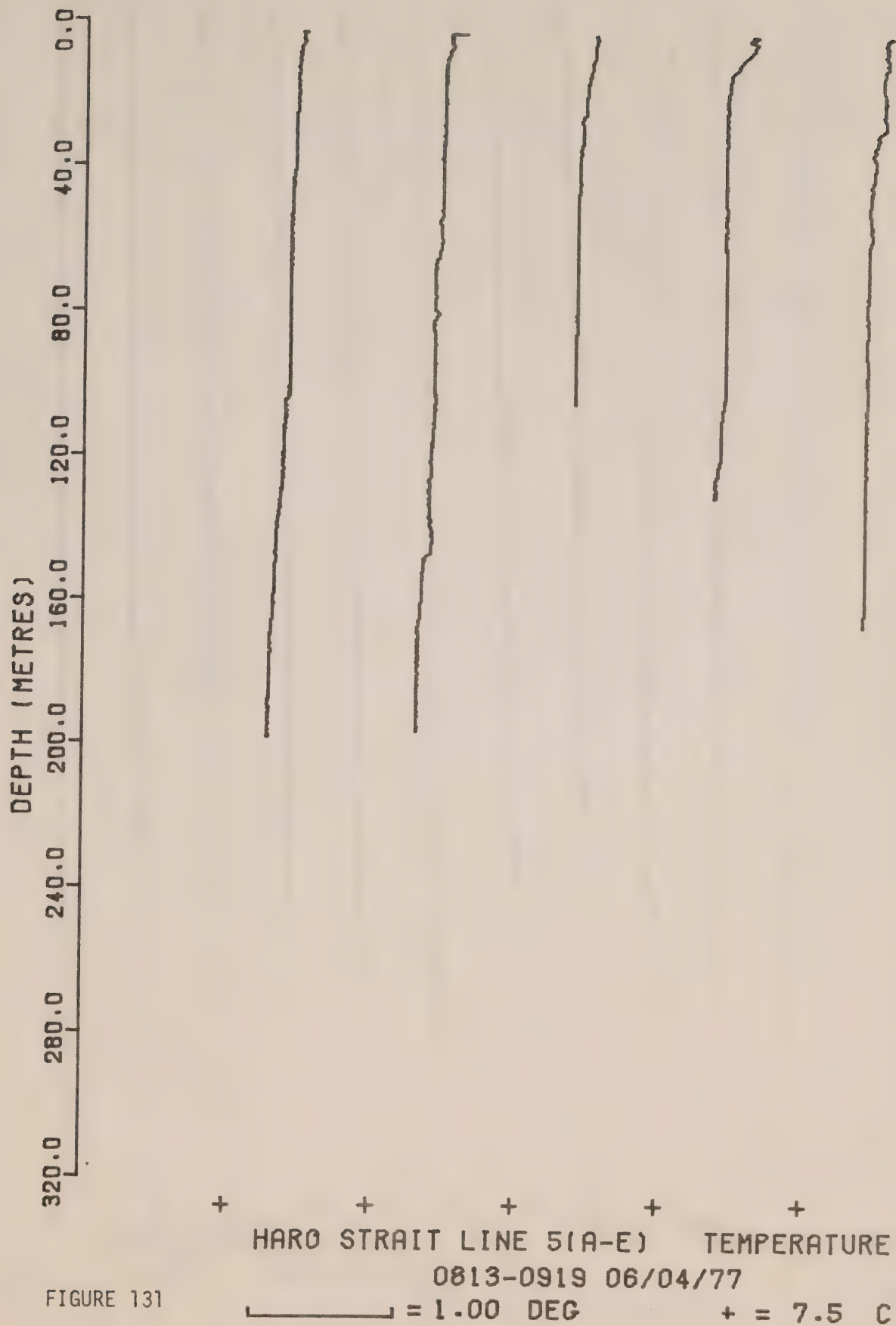


FIGURE 131

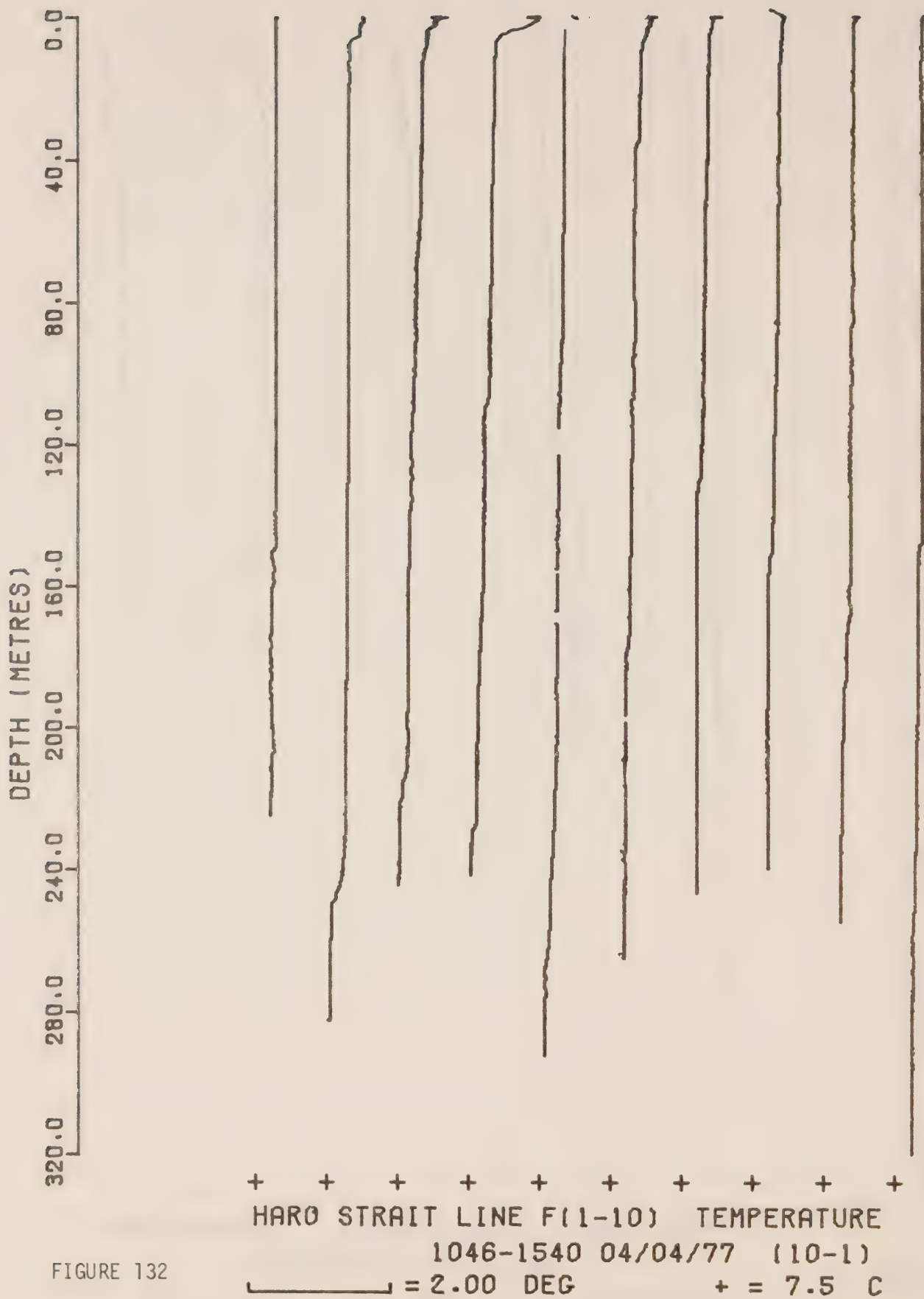


FIGURE 132

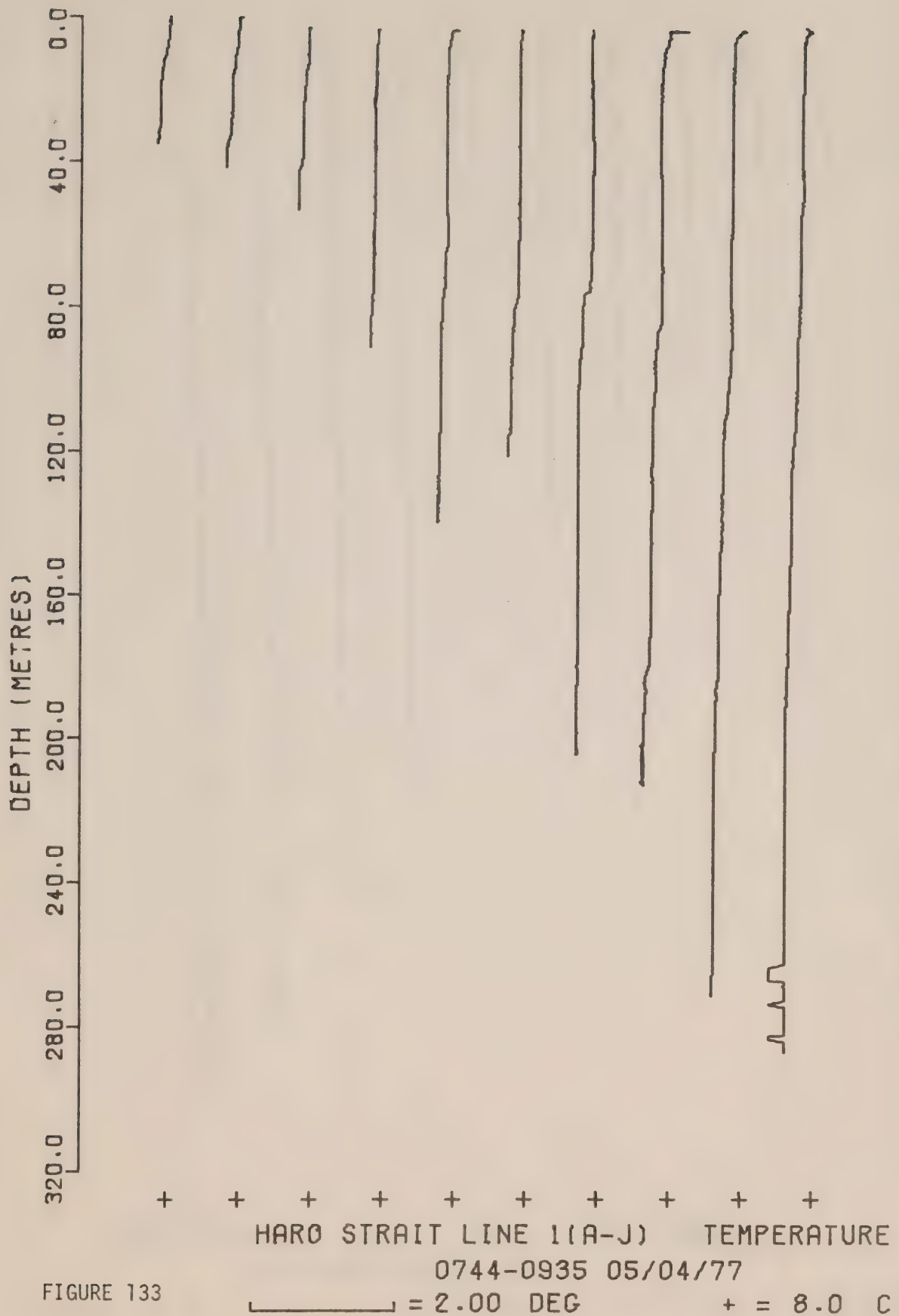


FIGURE 133

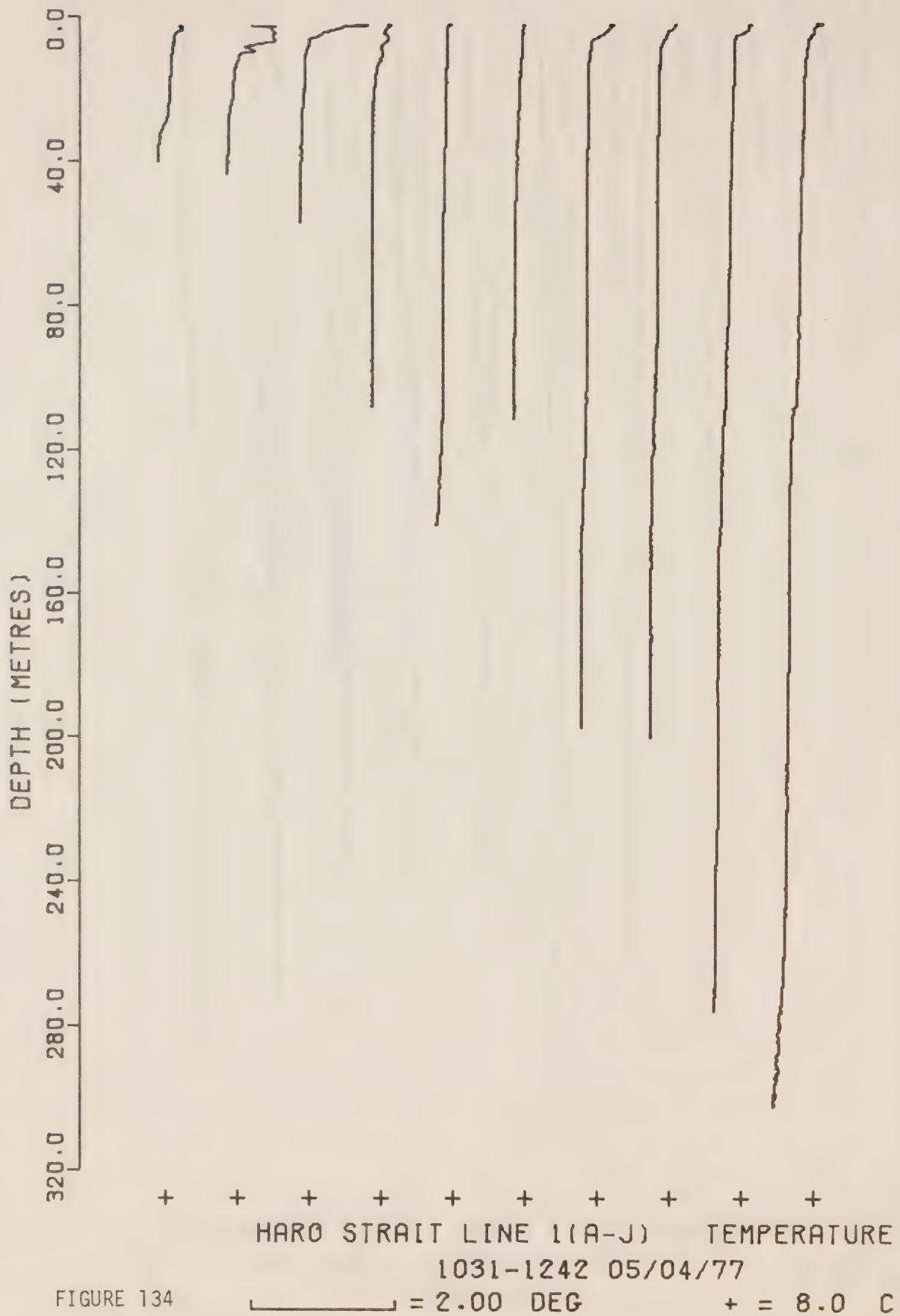


FIGURE 134

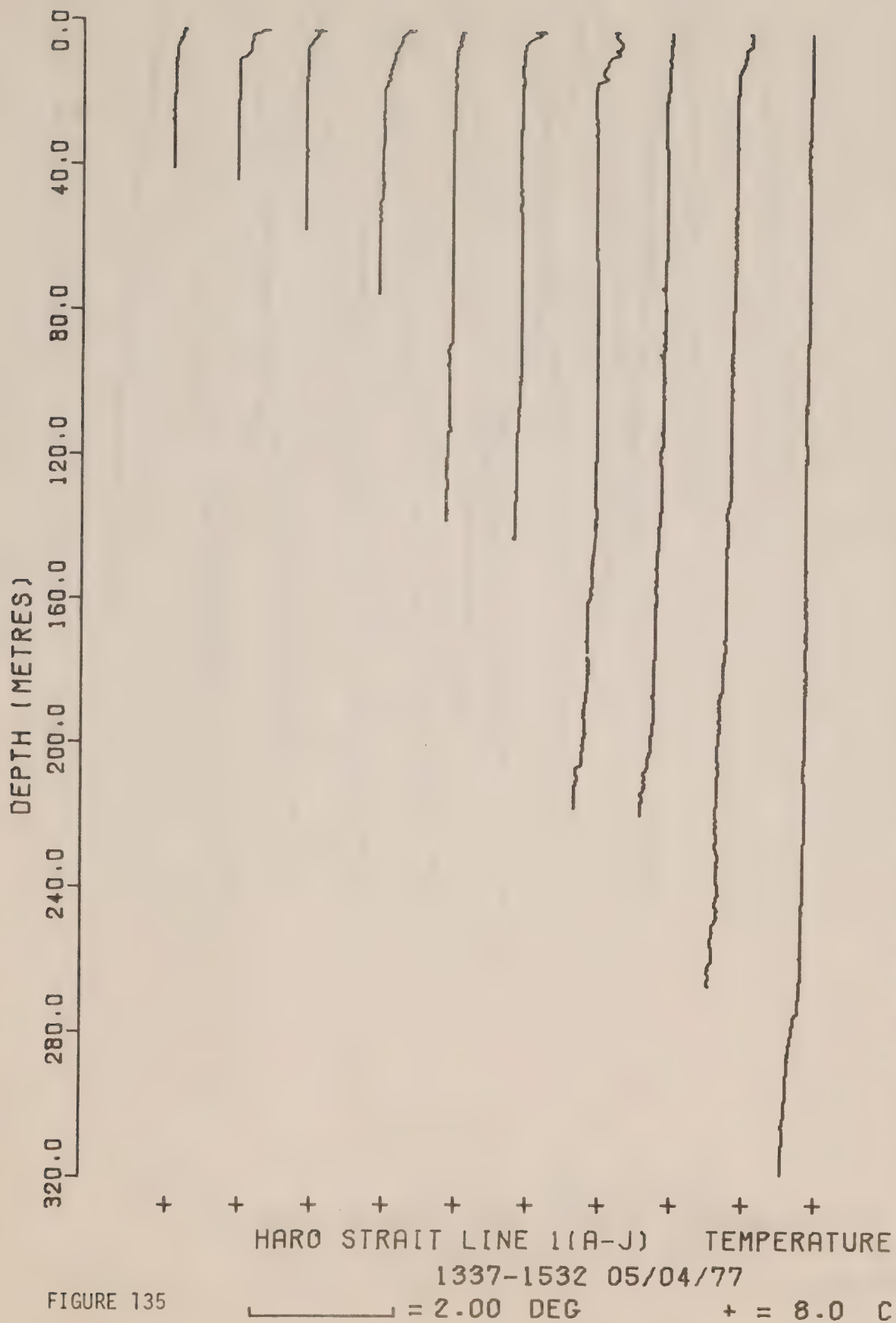


FIGURE 135

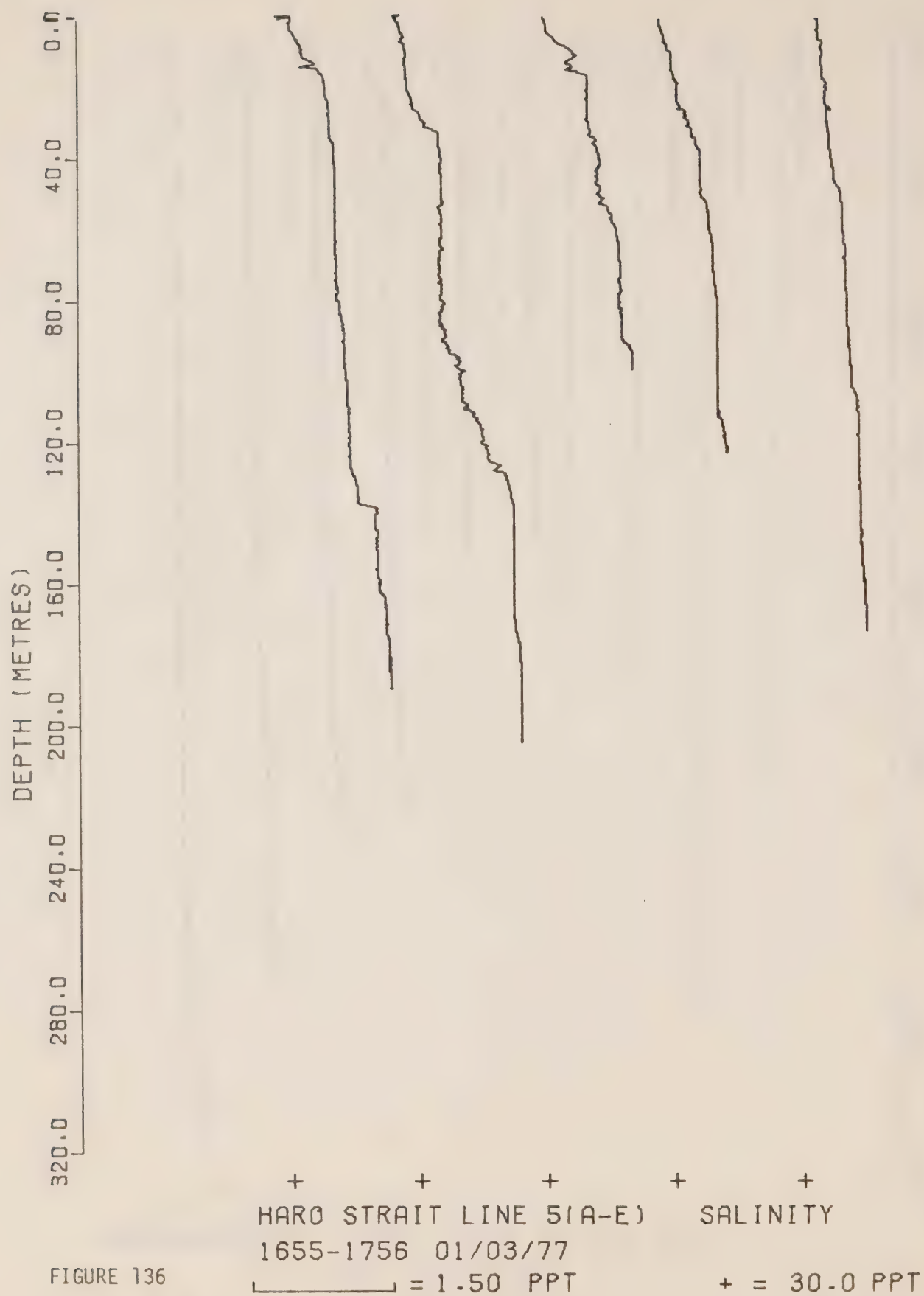


FIGURE 136

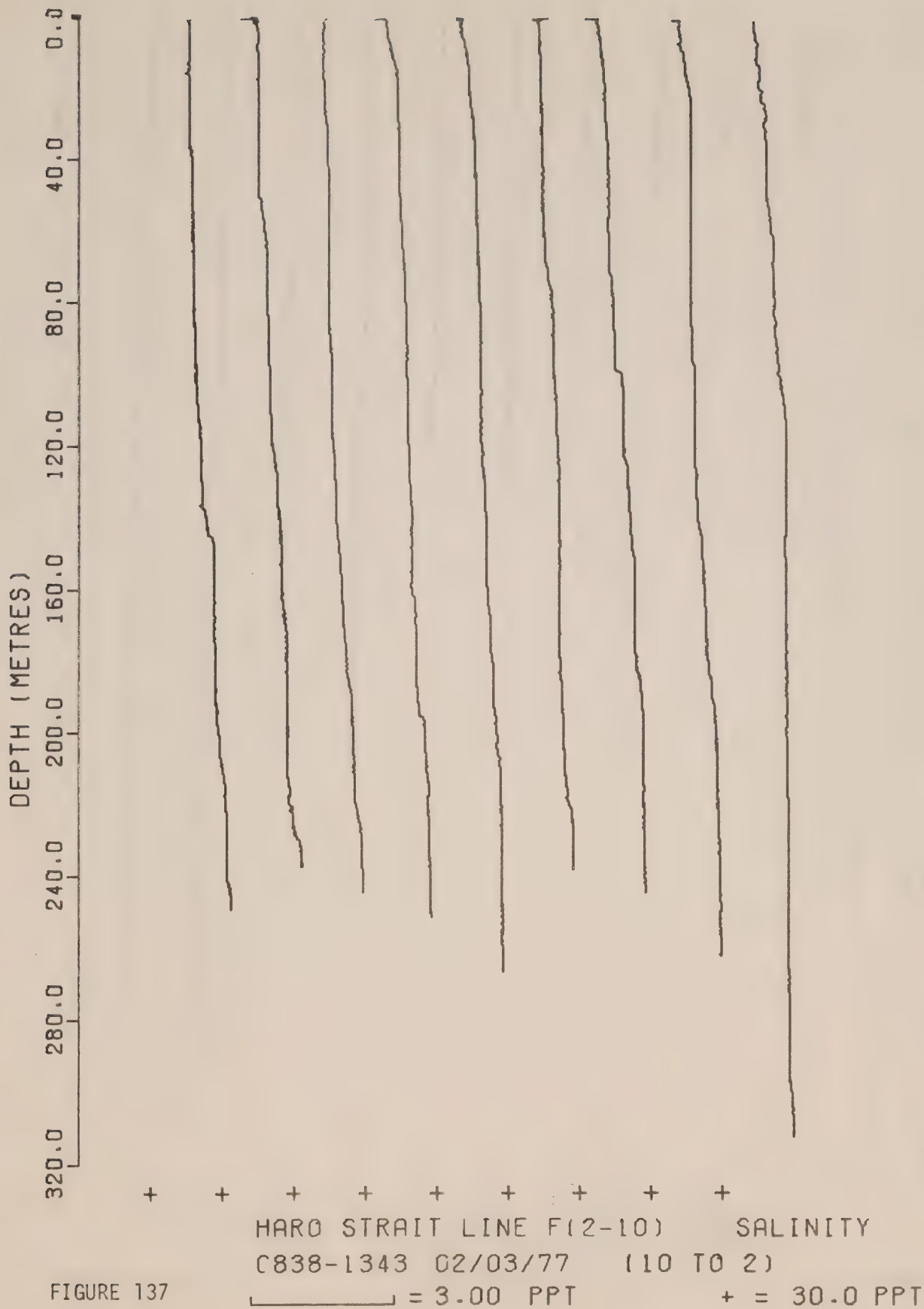


FIGURE 137

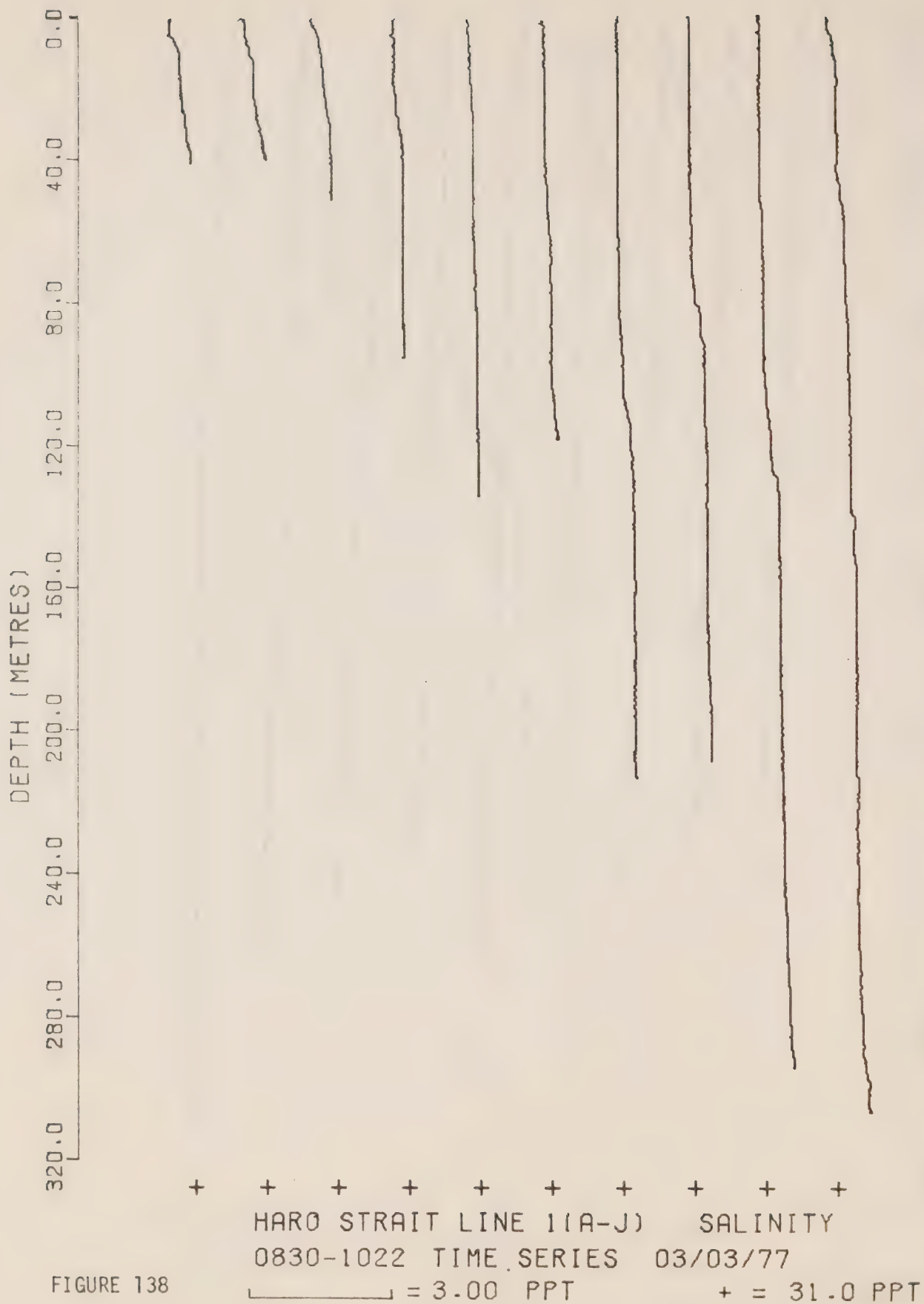


FIGURE 138

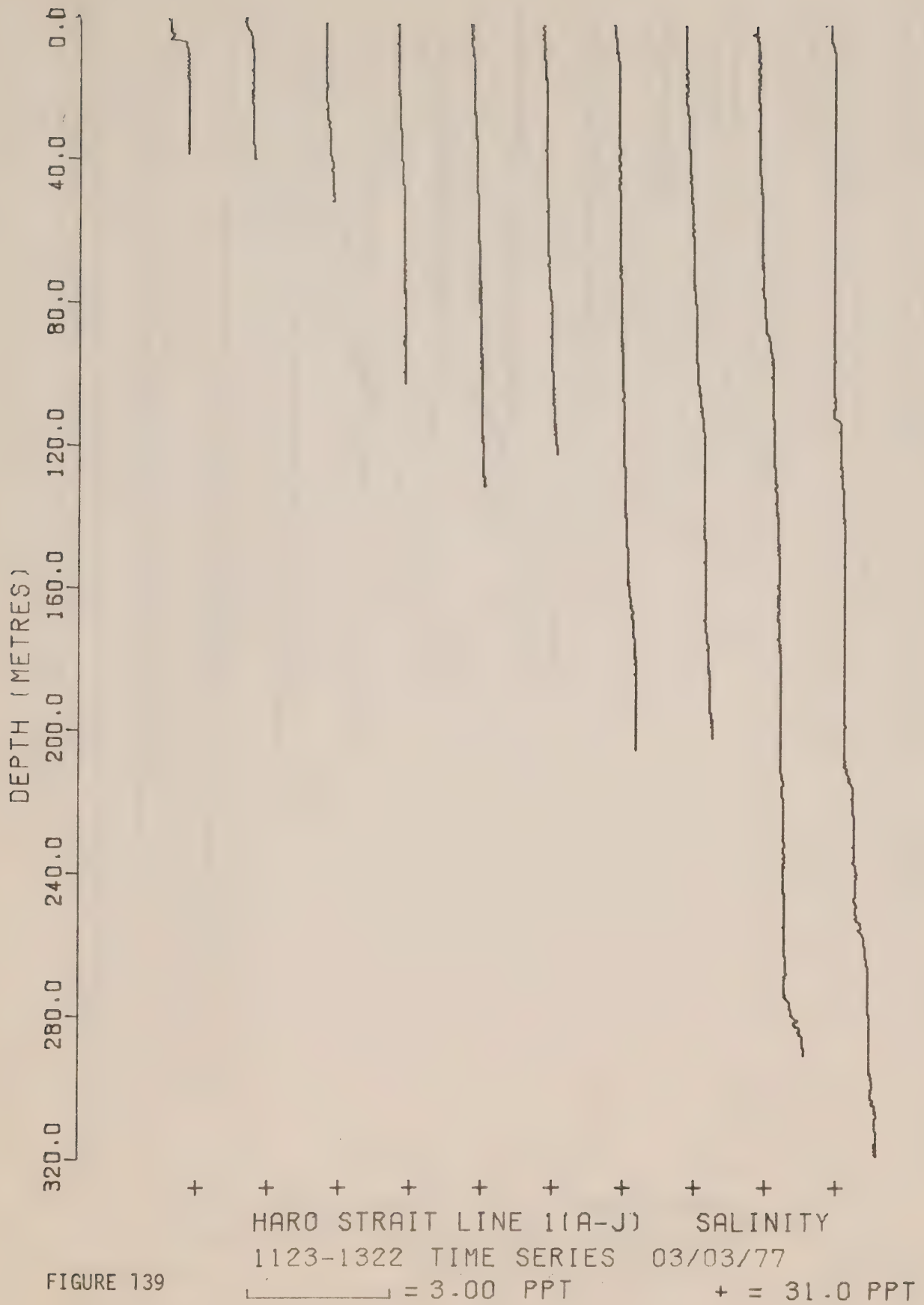


FIGURE 139

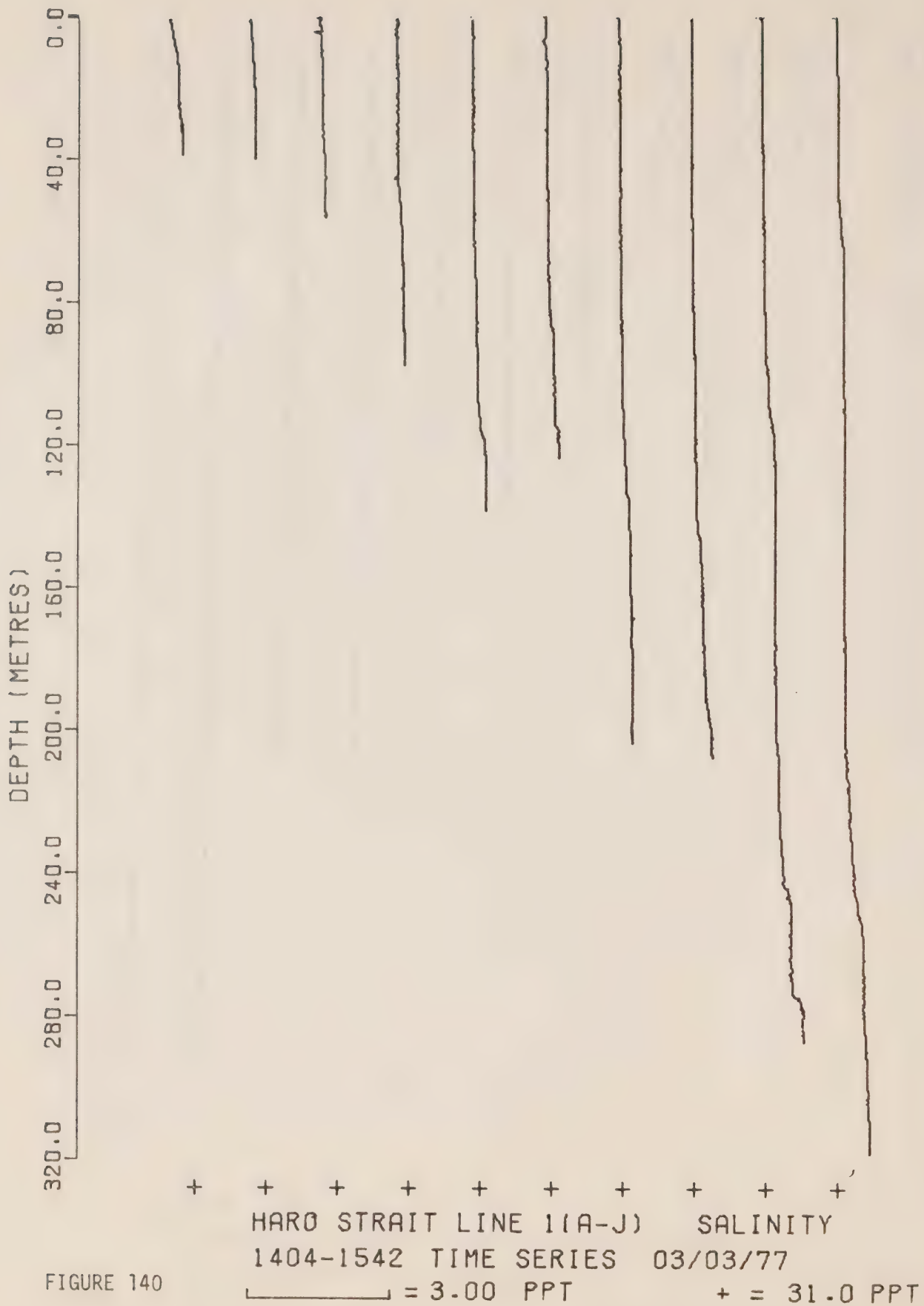


FIGURE 140

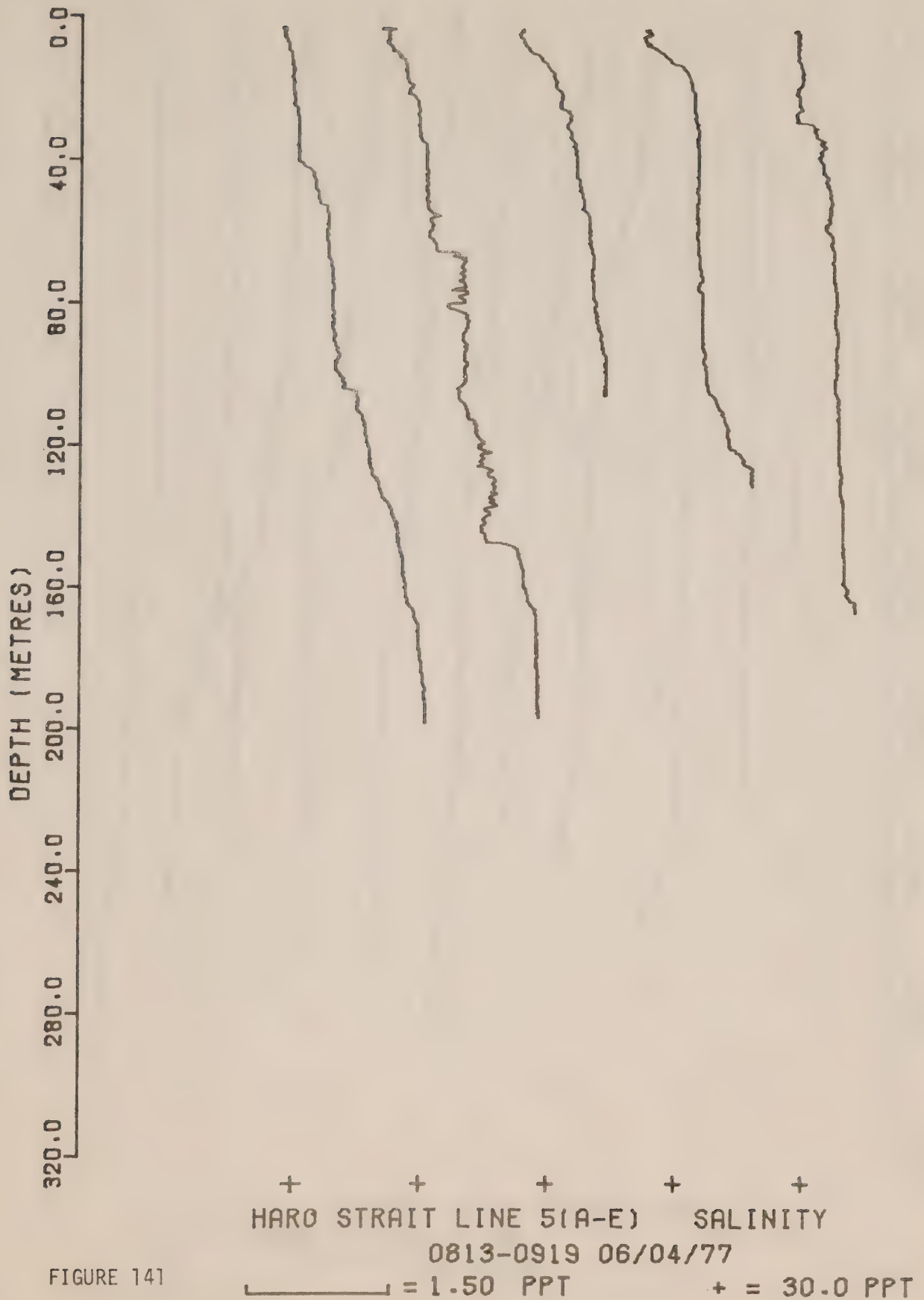


FIGURE 141

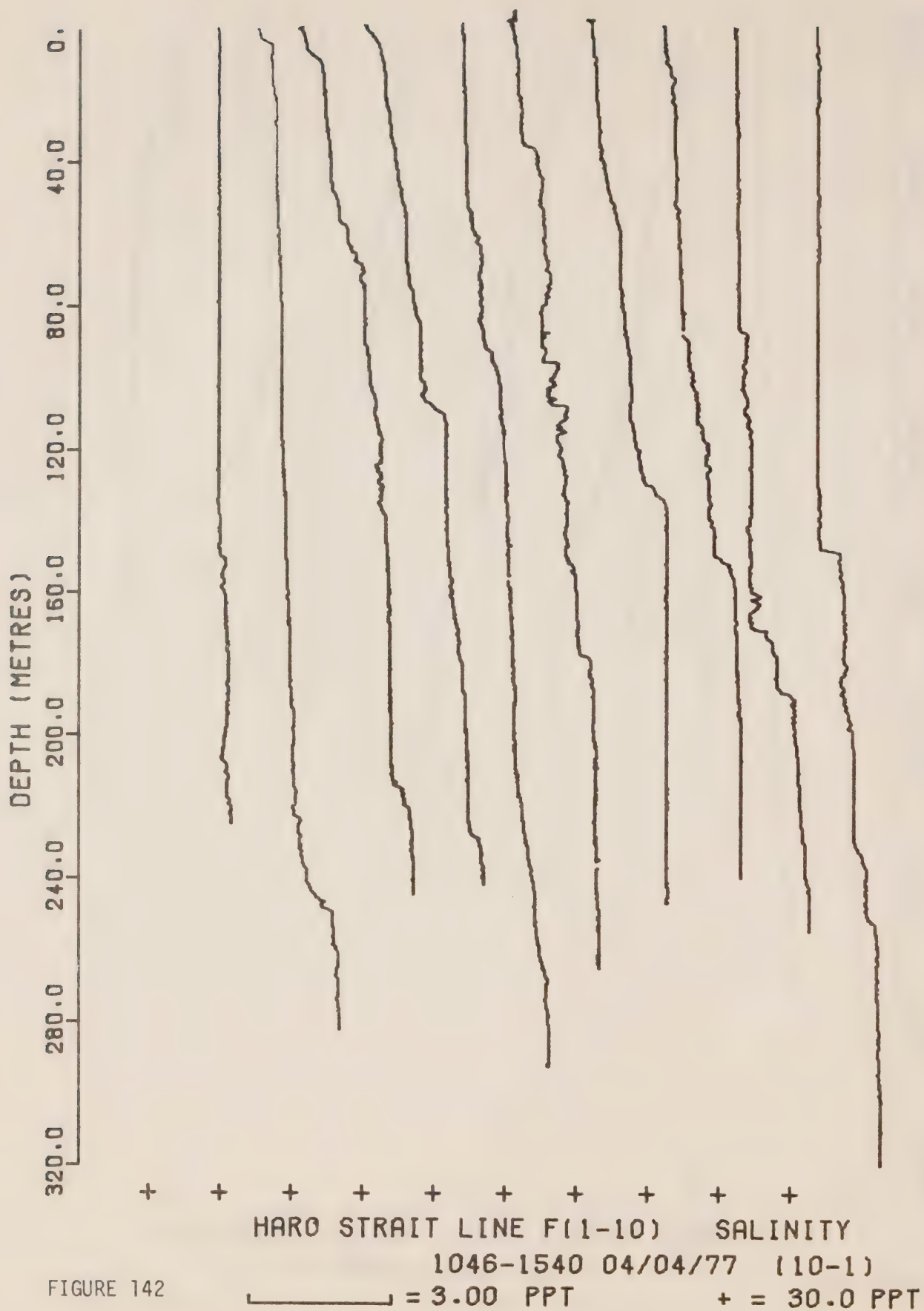


FIGURE 142

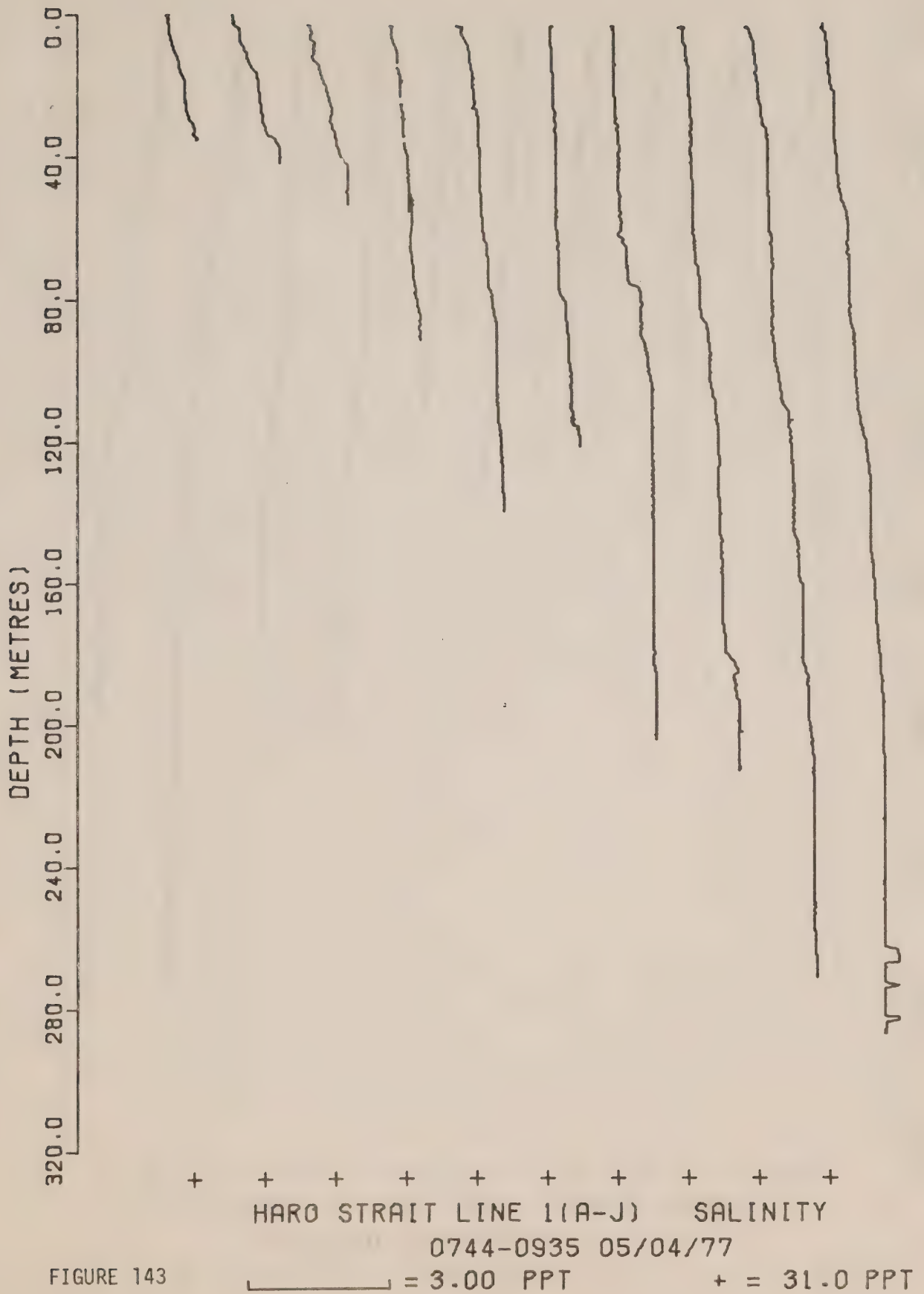


FIGURE 143

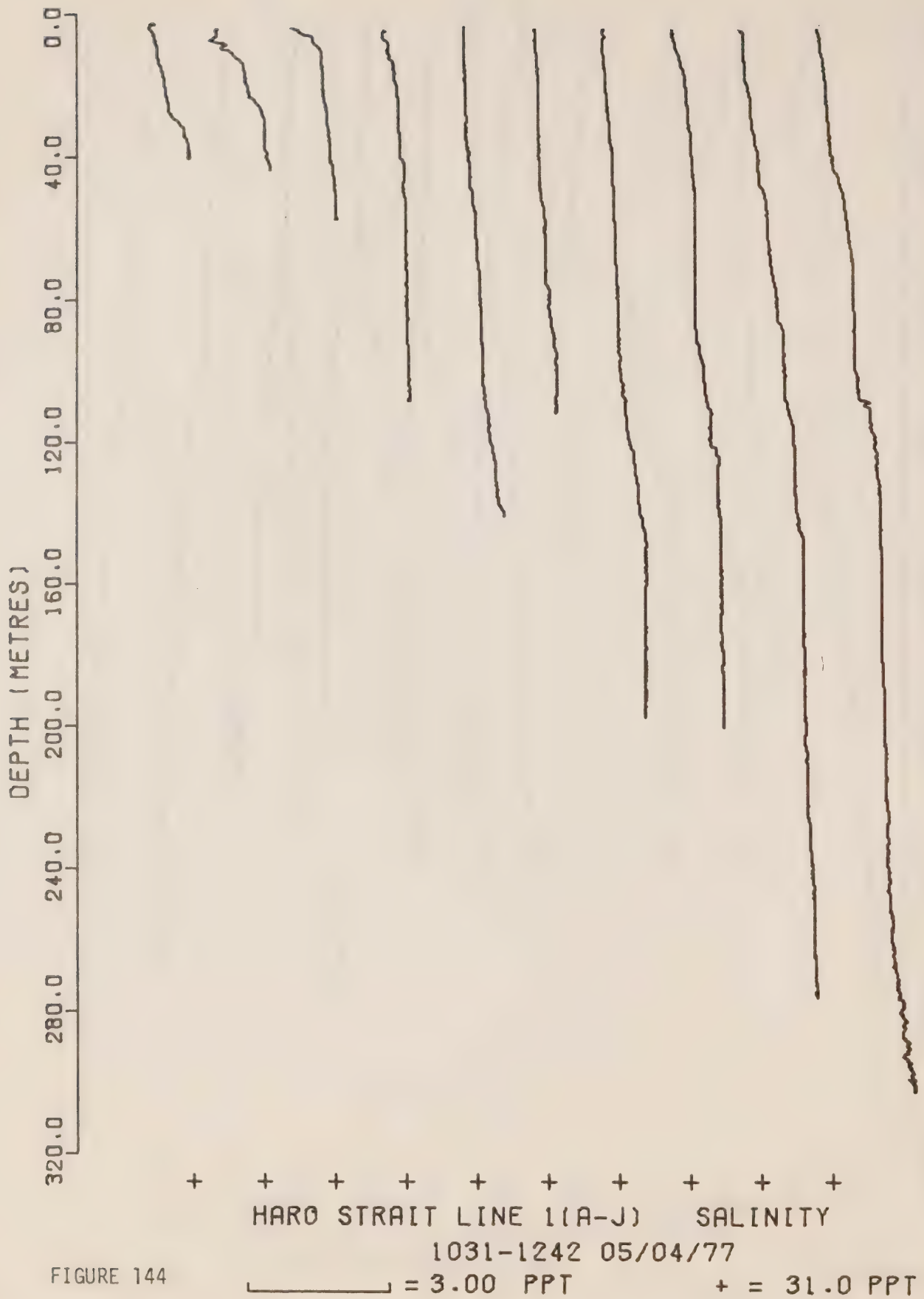


FIGURE 144

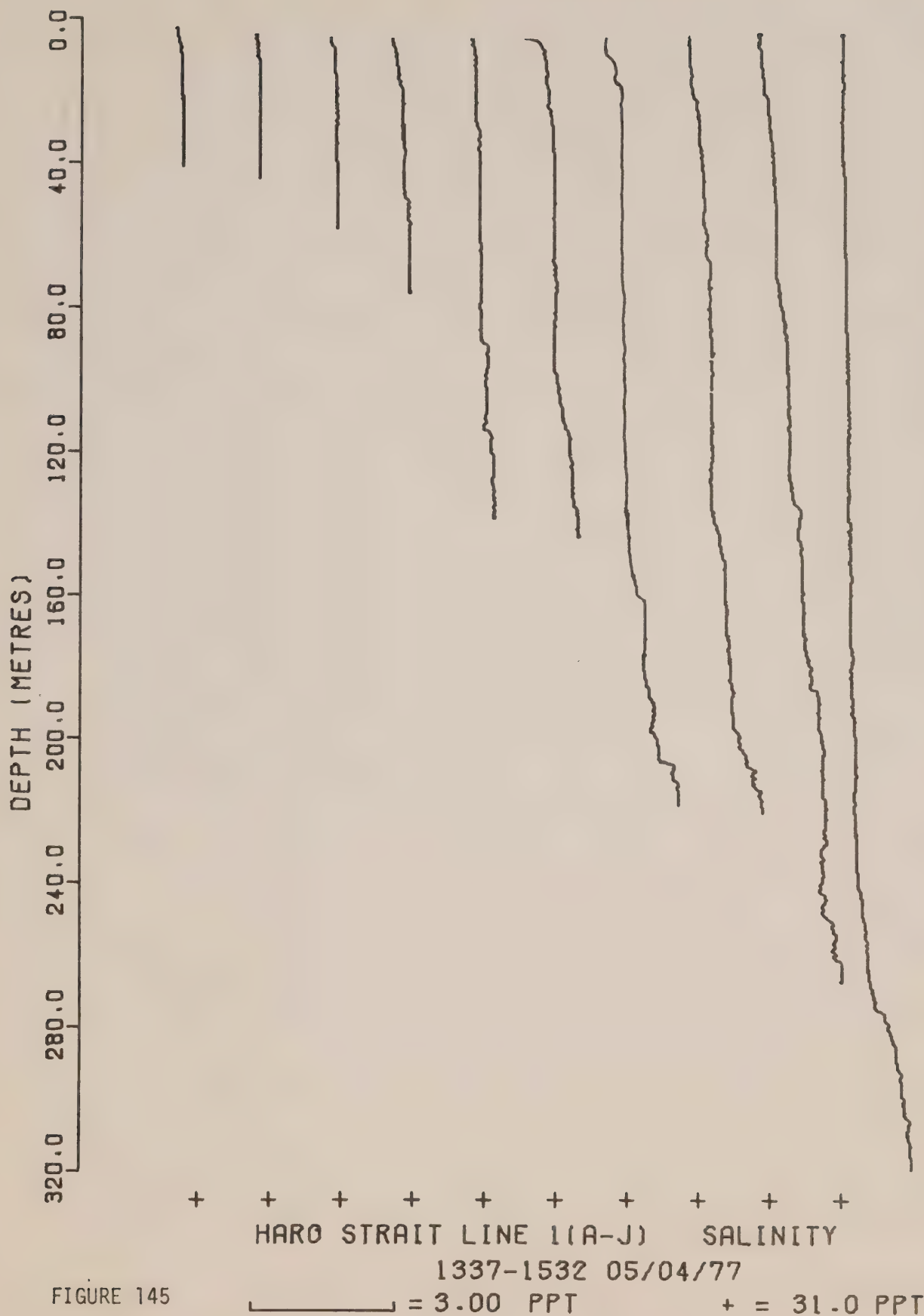


FIGURE 145

